

MARCH	1	W D D S T E - R E Q S R L T S C L K R E E M K L X E C V S I L P R K E S B S V R - S S K D G K L L A T L L A		
MARCH	1	W D E S A K T L P P P C L E C F C S E K G E D M K V G Y D P - I T P Q K E E G A W F G I C R D G R L L A T L L A		
	TMD			
MARCH	56	L L S C C L T V V S F Y Q V A A L Q G D L A S L R A E L Q G H A E K L P A G A G A P K A G L E A P A V T A G L		
MARCH	57	L L S S S F T A M S L Y Q L A A L Q A D L M N L R M E L Q S T R G S A T P A A A G A P - - - - - E L T A G V		
	↓			
MARCH	113	X I F F E P P A P G E G N S S O N S R N R A F P G P E E T E Q D V D L S A P P A P C L P G C R H S Q H D D N G M N		
MARCH	106	K L L T P A P R P H N S S G H R N R A F P G P E E T E Q D V D L S A P P A P C L P G C R H S Q H D D N G M N		
	★			
MARCH	141	- - - V T Q D C I Q L I A D S E T P T I Q K G S Y T F V P W L L S E F K R G S A L E E K E N K I V K E T G Y F F I		
MARCH	163	L R N I I Q D C L Q L I A D S D T P T I Q K G T Y T F V P W L L S E F K R G N A L E E K E N K I V K E T G Y F F I		
	★			
MARCH	196	Y G Q V L Y T D K T Y A M G H H I Q R K K V H V F G D E L S L V T I L F C I Q N M P E T L P N N S C Y S A G I A K		
MARCH	220	Y S Q V L Y T D P H A M G H H V I Q R K K V H V F G D E L S L V T I L F C I Q N M P E T L P N N S C Y S A G I A R		
	★			
MARCH	253	L E E G D E L Q L A I P R E N A Q I S L D G D V T F F G A L K L L		
MARCH	277	L E E G D E L Q L A I P R E N A Q I S R N G D D T F F G A L K L L		

FIG. 1A

FIG. 1B

		A	B	C	D	E	F	G	H
hMARCH	142	V T Q D C L O F I A D S E T P T I Q K G S Y T F V P W L L S F K R G S A L E E K E - - -	N K I L N K E T G Y F E F I						
hAPRIL	113	K Q E S V L H H P I V P I N A T - S K D D S D V T E V M W Q P A L R R G R G L Q A Q G - - -	- Y G Y R T Q D A G V Y Y L I						
hTNFa	80	S D K P V A H E T G K S N - - -	Q A E G Q Q I Q Q W E L R D N Q L V P S E G L Y E V						
hFast	142	E L R K V A H E T G D P - - -	S R S M P I E W E D T Y G I V L E S G V K Y R K - G G L V I N E T G I Y E V						
hLT $\alpha$	60	T L K P A A H E T G D P - - -	S K Q N S L L W R A N T D R A F E L Q D G F S N S N G R E I V N O D G F Y I L						
hRANKL	88	E A Q P F A H E T I N A T D I P S G S H X V S S W Y H D R G W G K I S N - M T F S N G R E I V N O D G F Y I L							
hMARCH	196	Y Q V L T D K T - - -	Y A M G H L I Q R K G D V H V F G D L S L V E F R C E Q N M P E T L P -						
hAPRIL	166	Y S Q V L F K G Q G C P S - - -	F T Q M G O V V S R I A V - - -						
hTNFa	130	Y S Q V L F K G Q S C N - - -	T H V I P E T H T Y M R N S - - -						
hFast	192	Y S V X F R G Q A Y S P K A T S S P E L Q E A H E V O L F S S - - -	K Y P Q O D V V M E G K M M S Y C T T G Q						
hLT $\alpha$	110	Y S Q V Y F S G K A Y S G D L A T E Y L Q M V Y V T K T S I - - -	Q Y P F H V P L L S S O K M M V Y P G L Q E						
hRANKL	144	Y A N T C F R H E T S G D L A T E Y L Q M V Y V T K T S I - - -	K I P S S H T M K G G S T K Y W S G N S						
hMARCH	242	- - -	N N S C Y S A G T A X I E G D E L Q I P R E N A Q T S L D G D V T F E L G F V K L						
hAPRIL	207	A - - -	Y N S C Y S A G V F E H I H Q G D I L S V E I N R P D Y I D F A E S G Q V Y F G I T A L						
hTNFa	178	E G A E A K P W Y E P I Y I G V F Q L E K G D R E S A E I N R P D Y I D F A E S G Q V Y F G I T A L							
hFast	238	- - -	M W A R S S Y L G A V F N E L T S A D H E I V N V S E L S I V N F E I S T H T D G I P H E Y I S P S T - V F F G A F A L						
hLT $\alpha$	162	- - -	P W L H S M Y H A A F Q E R S G E E T S I E V S N P S L E D P D Q D A - T Y F G A F K V R D I D						
hRANKL	196	E F - - -	H F Y S I N V G G F E K I R S G E E T S I E V S N P S L E D P D Q D A - T Y F G A F K V R D I D						

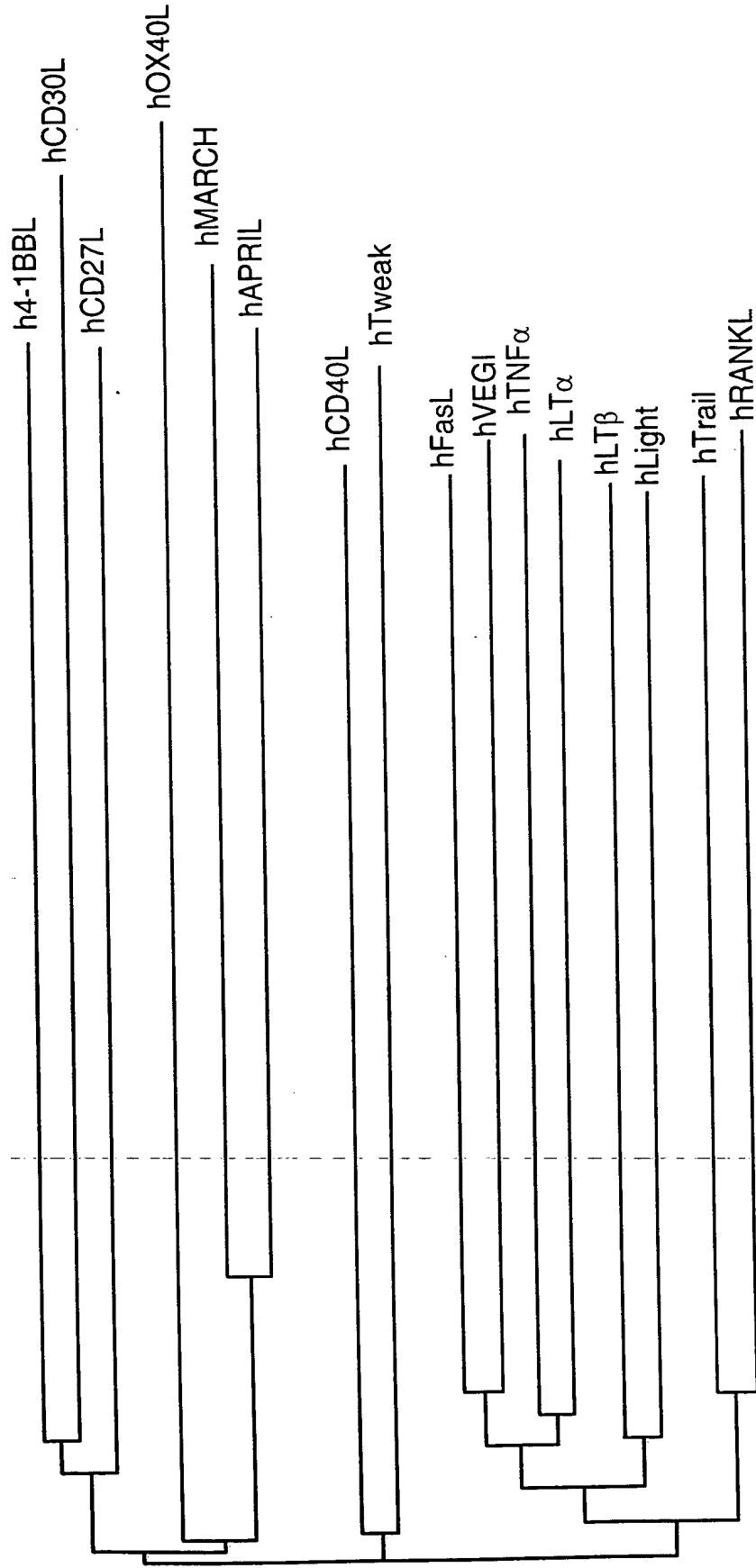
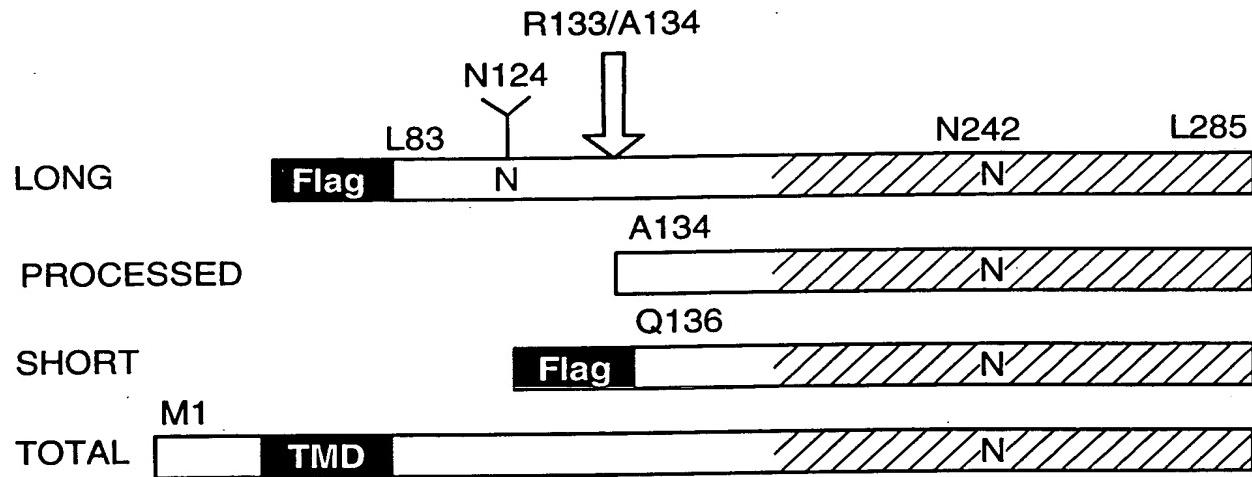


FIG. 1C



**FIG. 2A**

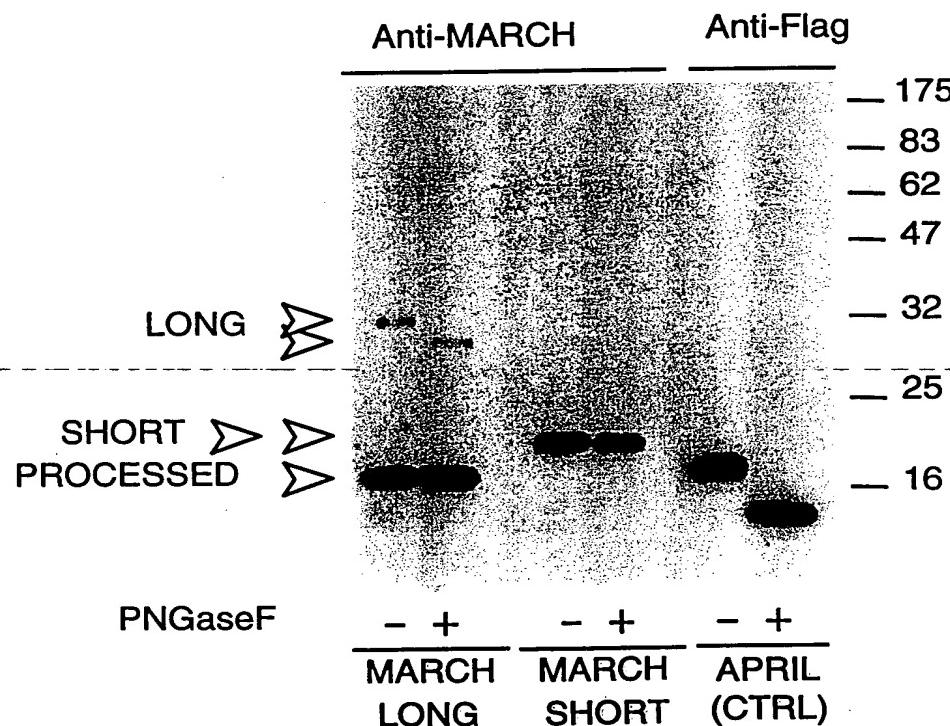
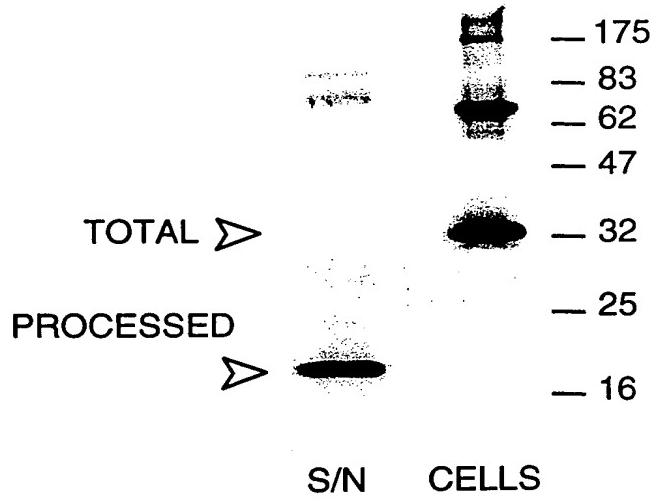
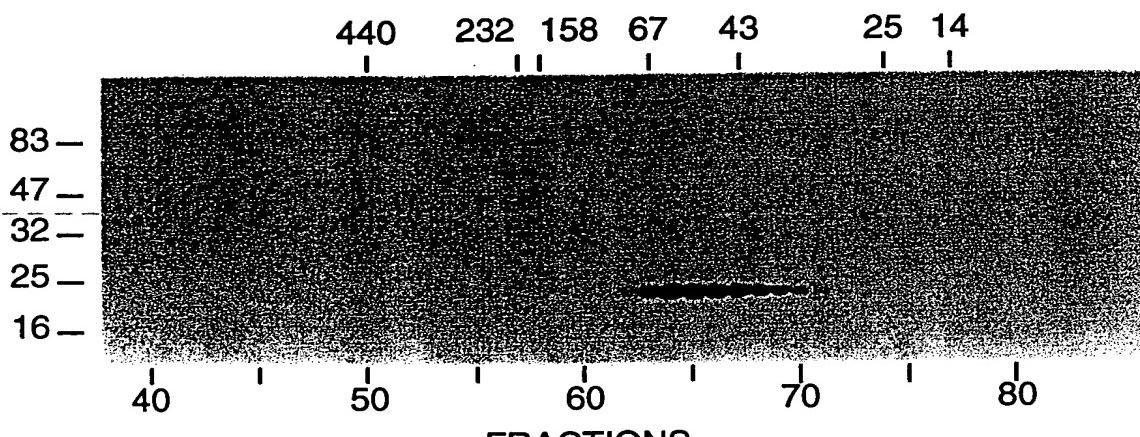


FIG. 2B



**FIG. 2C**



**FIG. 2D**

FIG. 3A

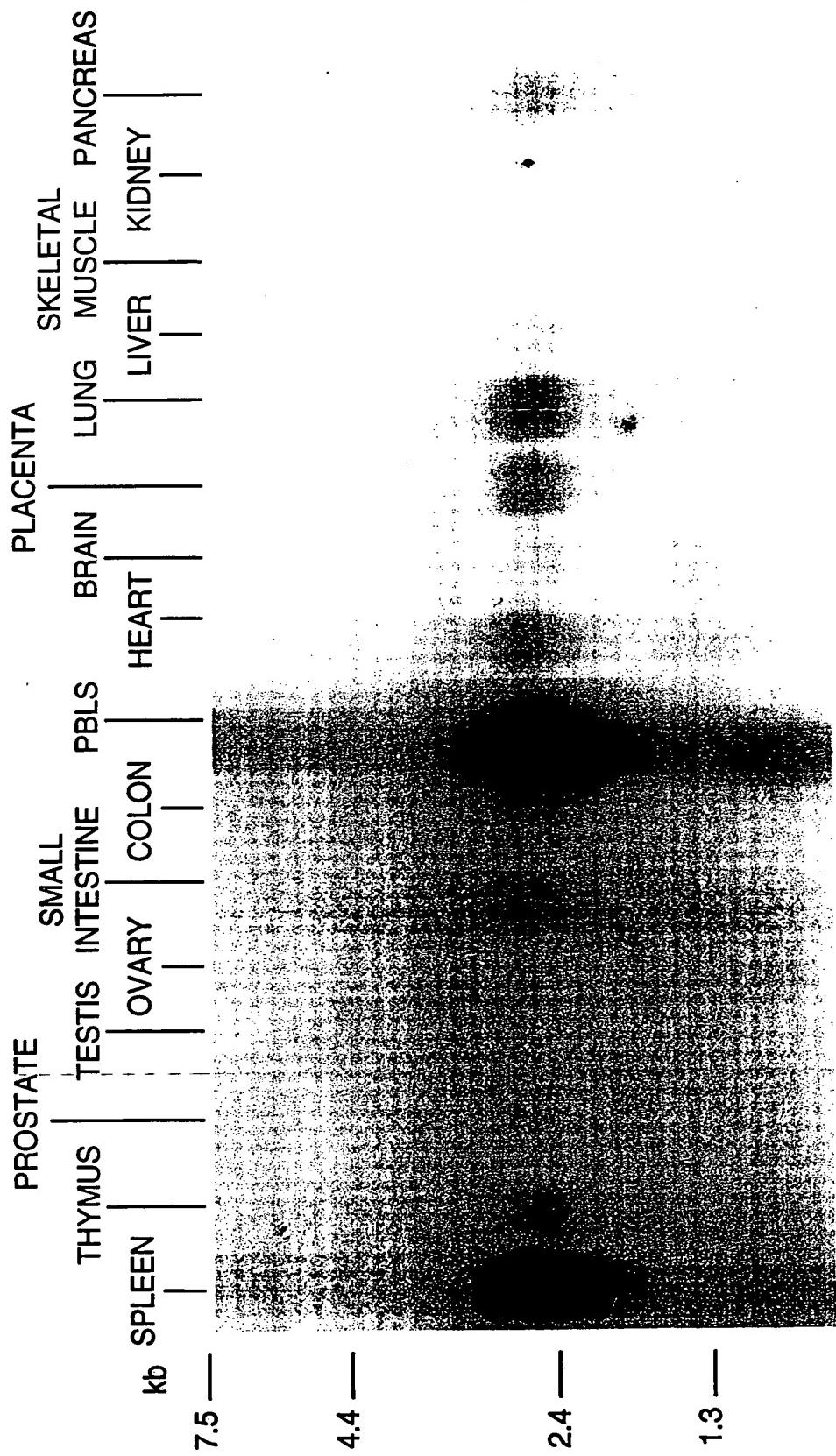


FIG. 3B

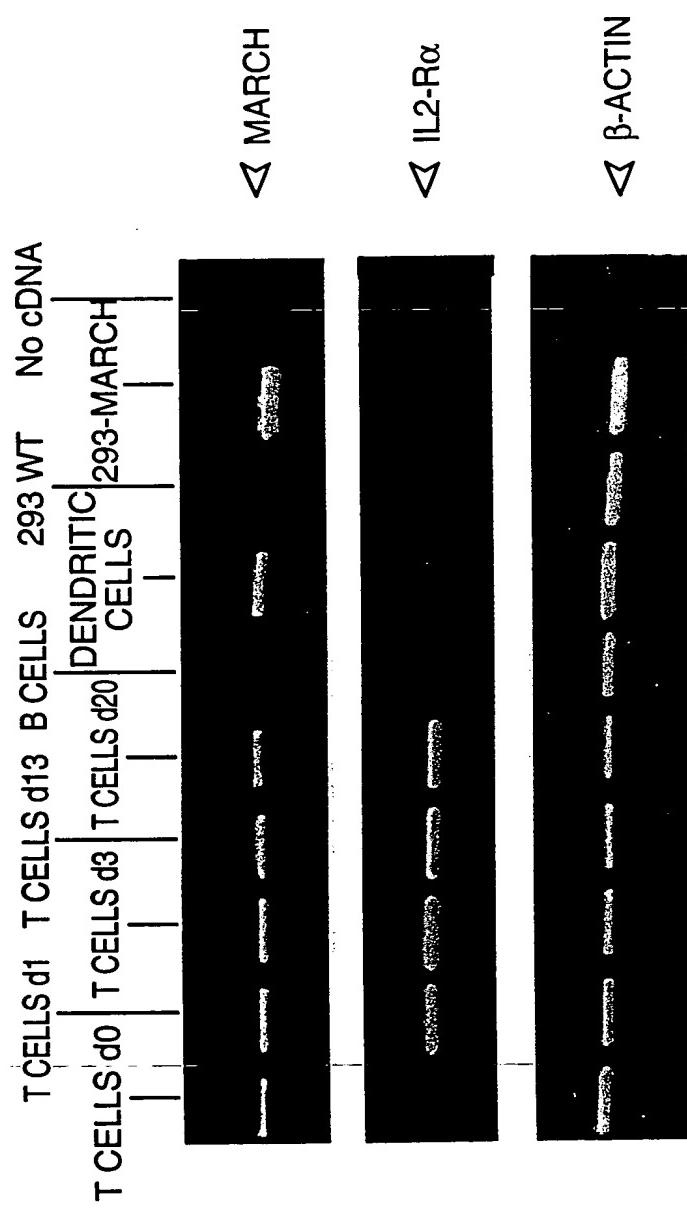
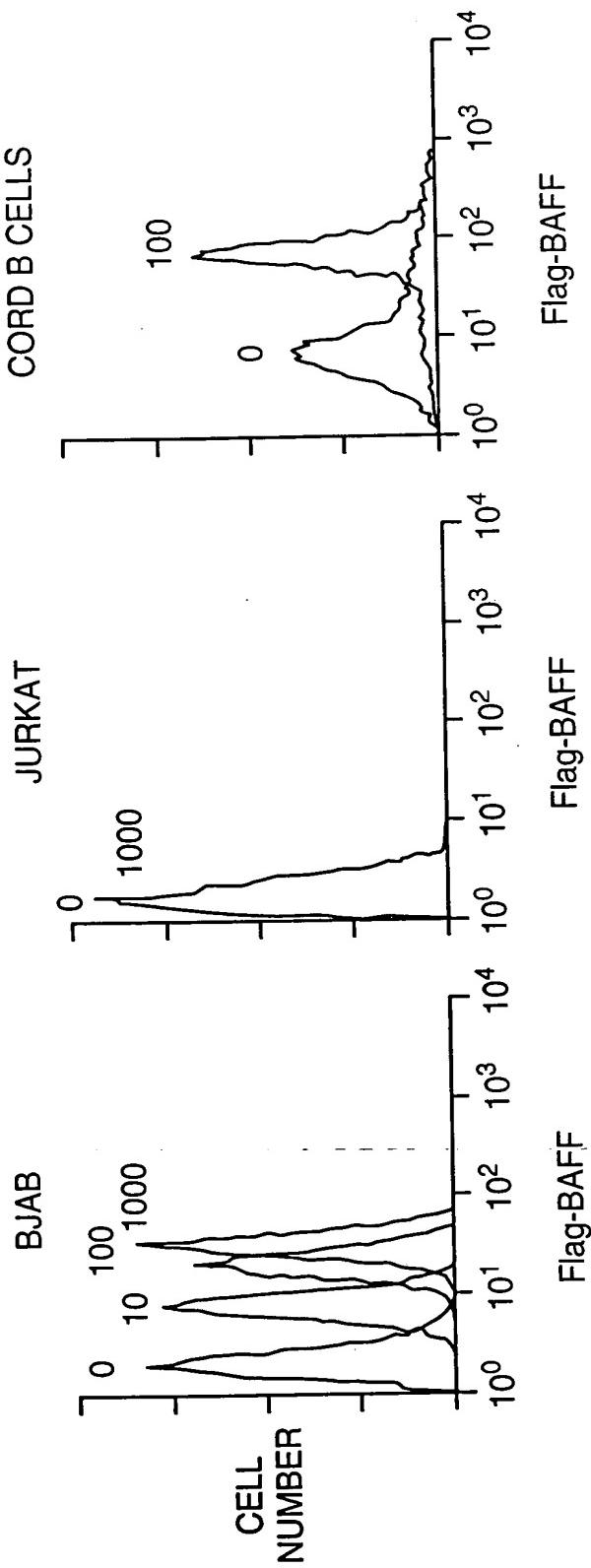
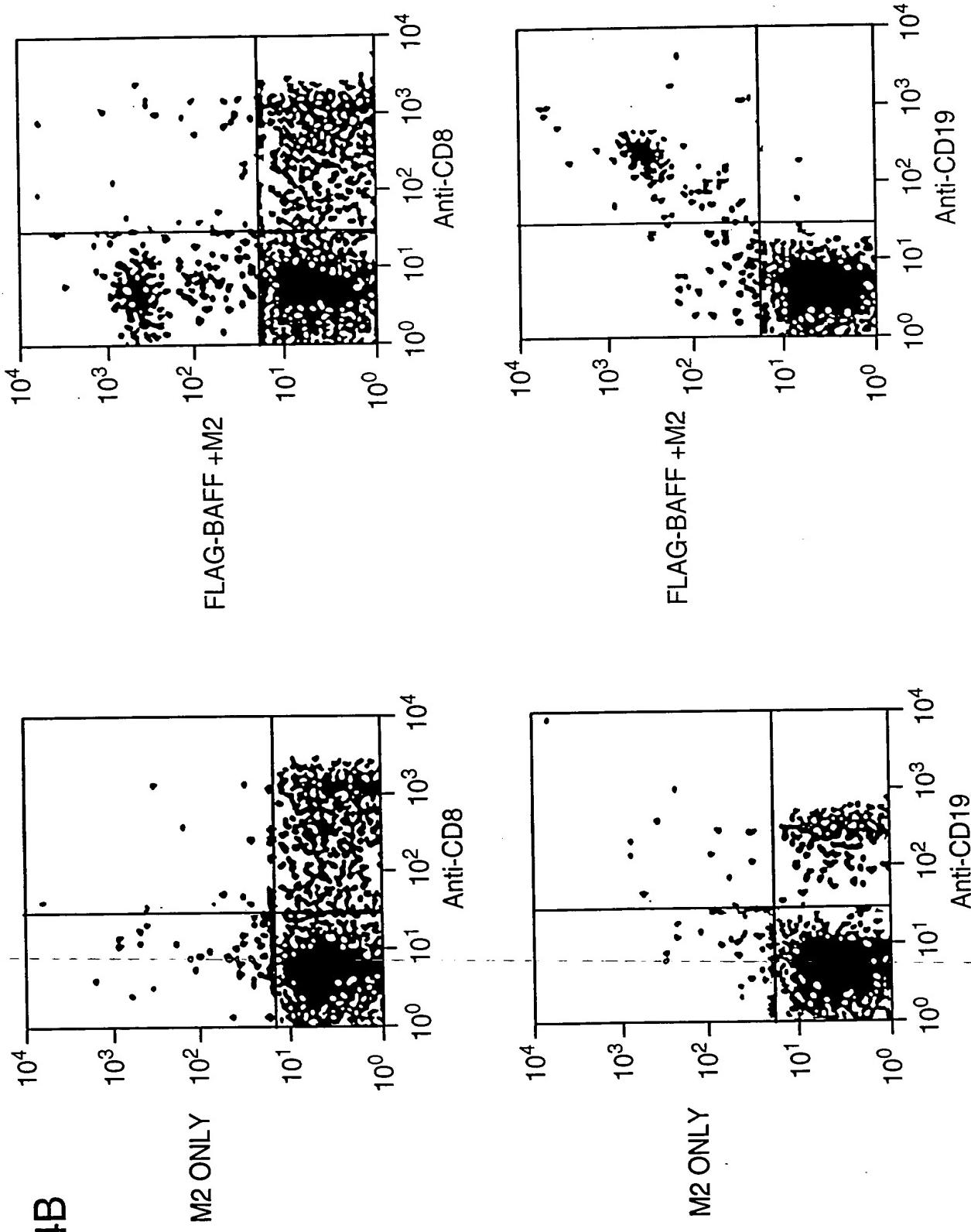


FIG. 4A



**FIG. 4B**



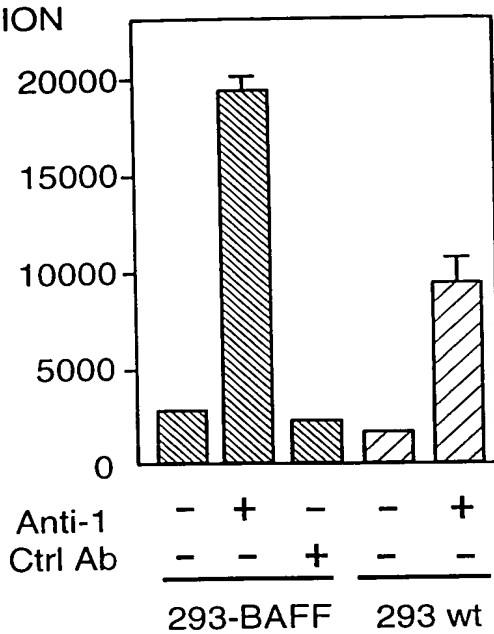
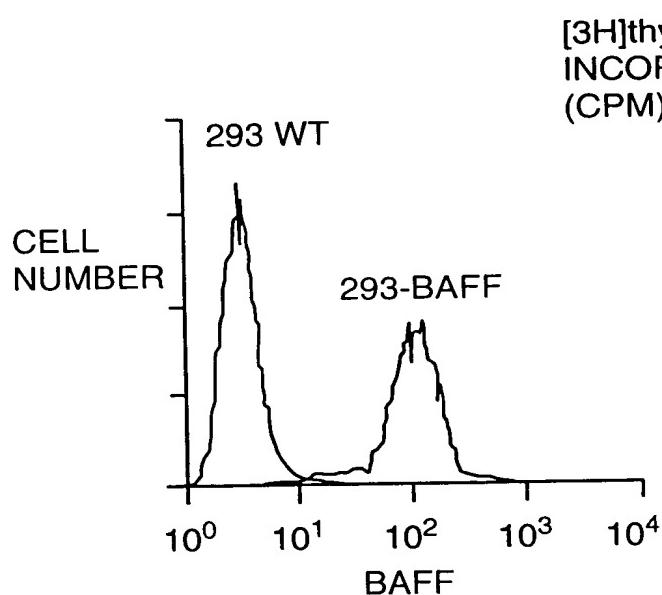
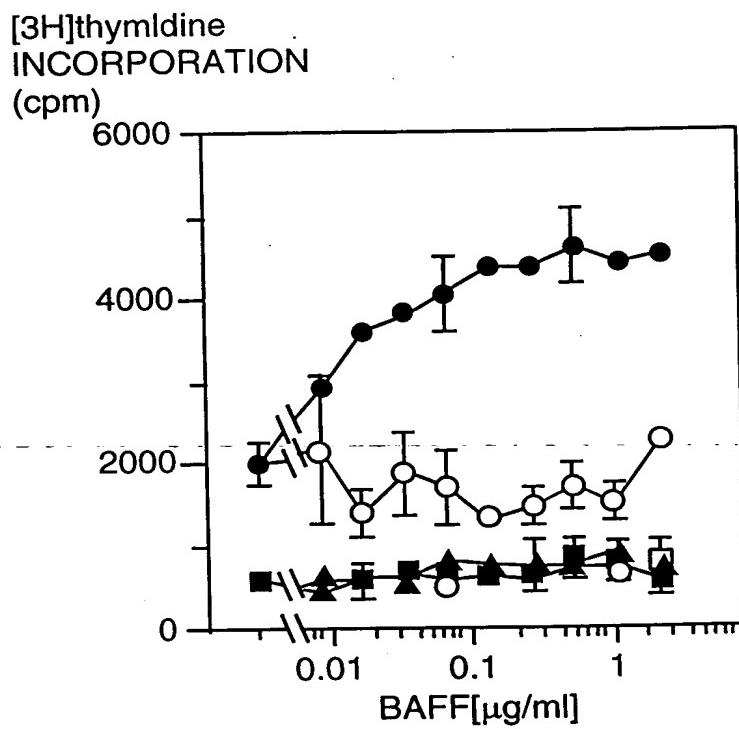


FIG. 5B



- BAFF alone
- BAFF + anti- $\mu$
- ▲— BAFF + control Ab
- Boiled BAFF alone
- Boiled BAFF + anti- $\mu$
- △— Boiled BAFF + control Ab

FIG. 5C

[<sup>3</sup>H]thymidine  
INCORPORATION  
(cpm)

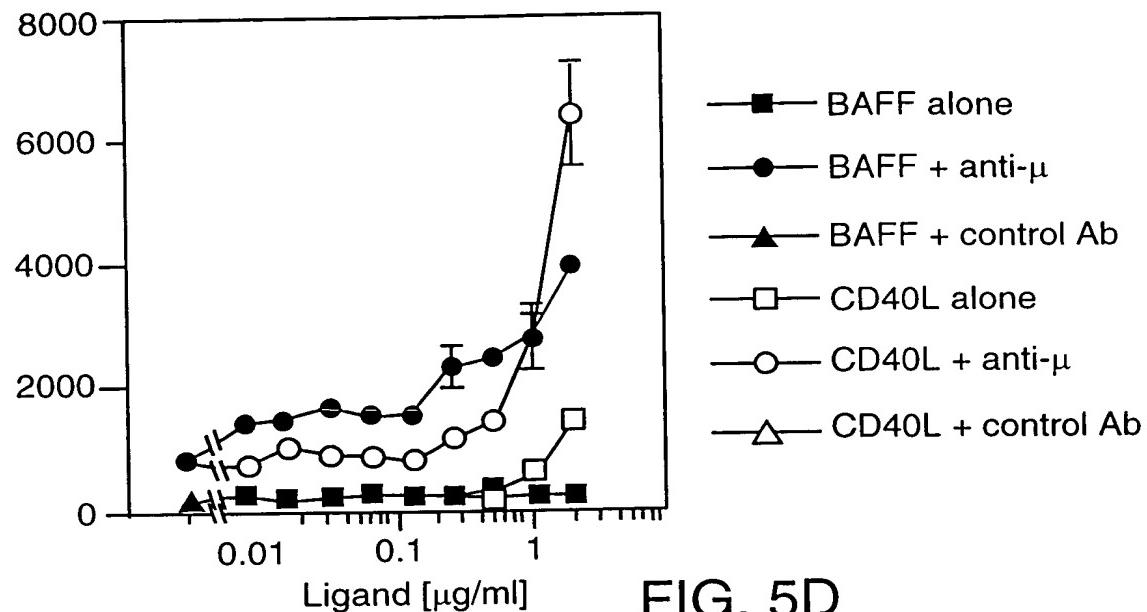


FIG. 5D

Ig  
SECRESSION  
(μg/ml)

Ig  
SECRESSION  
WITH T-SUP  
(% OF  
CONTROL  
RESPONSE)

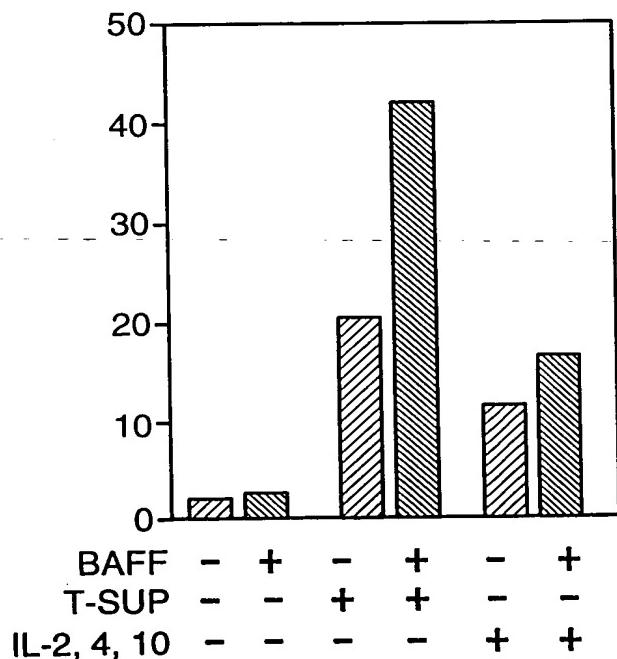


FIG. 5E

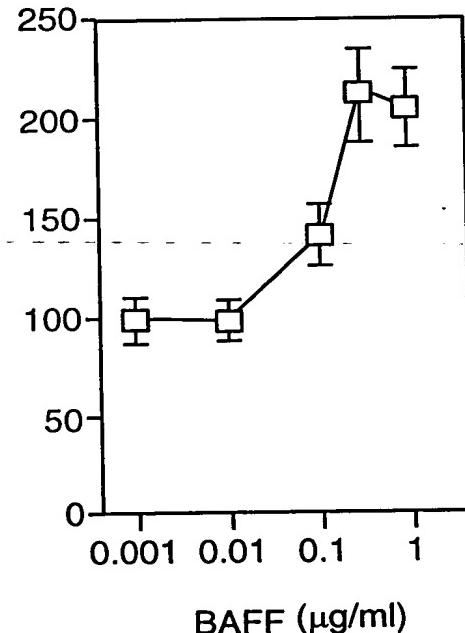


FIG. 5F

BAFF ACTS AS A COFACTOR FOR B CELL PROLIFERATION

PROLIFERATION OF HUMAN PBL

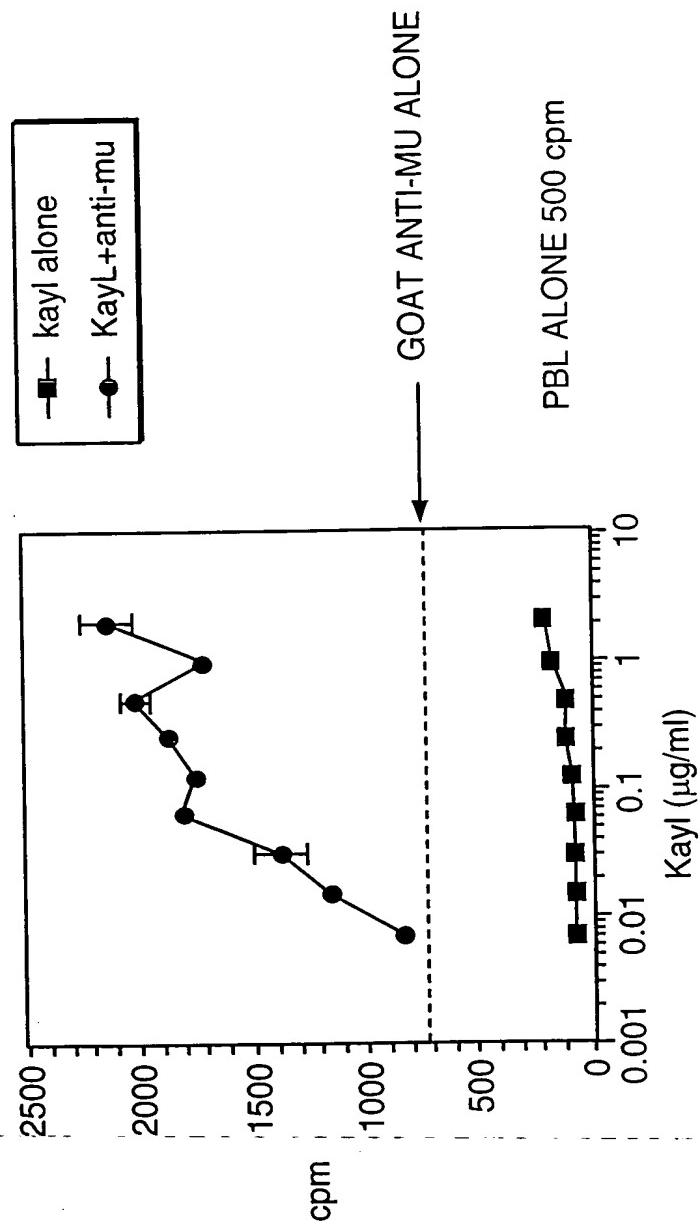


FIG. 6

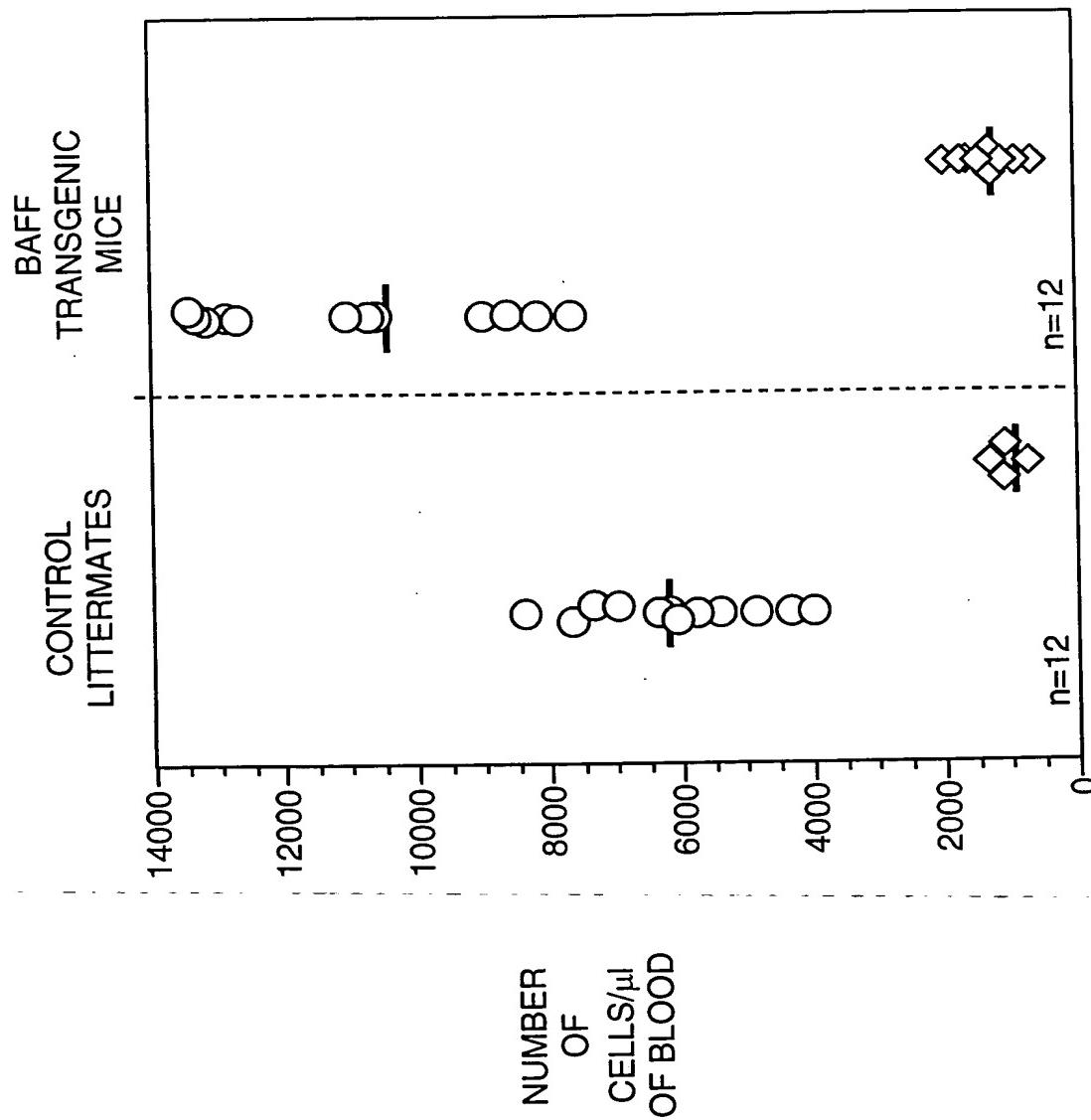


FIG. 7A

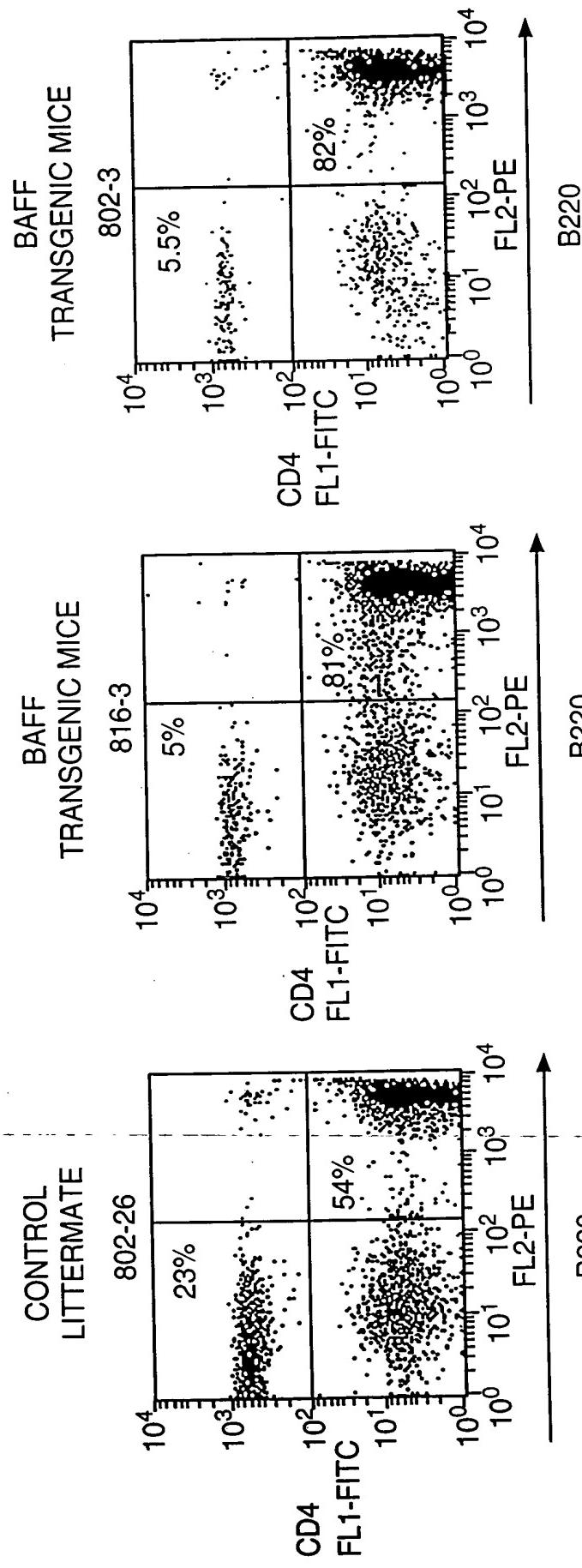


FIG. 7B-1 FIG. 7B-2

FIG. 7B-3

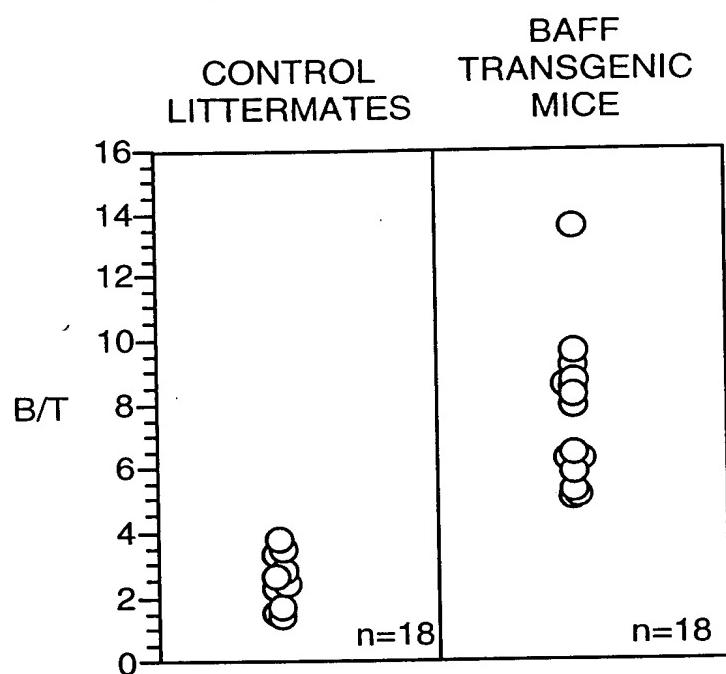


FIG. 7C

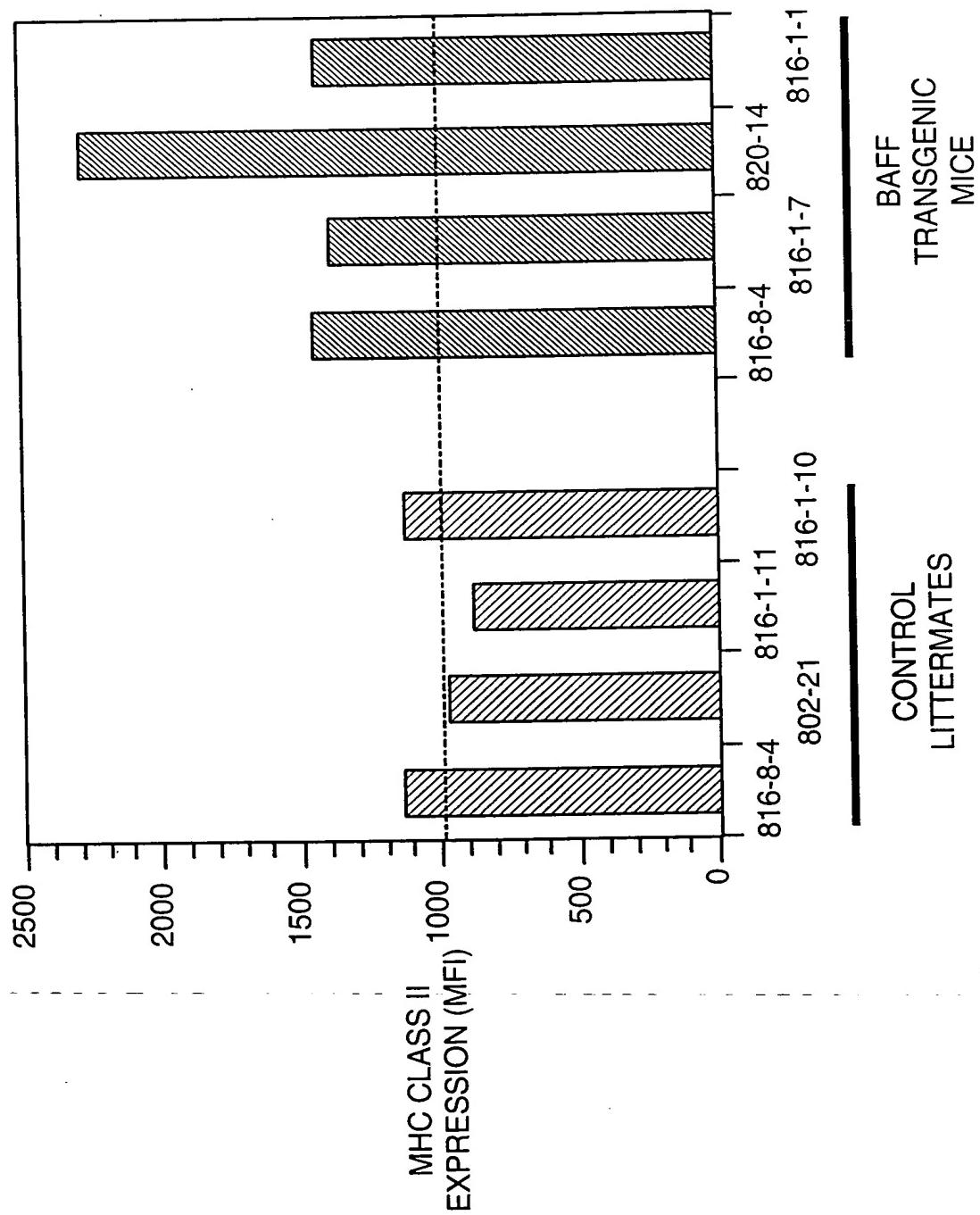


FIG. 7D

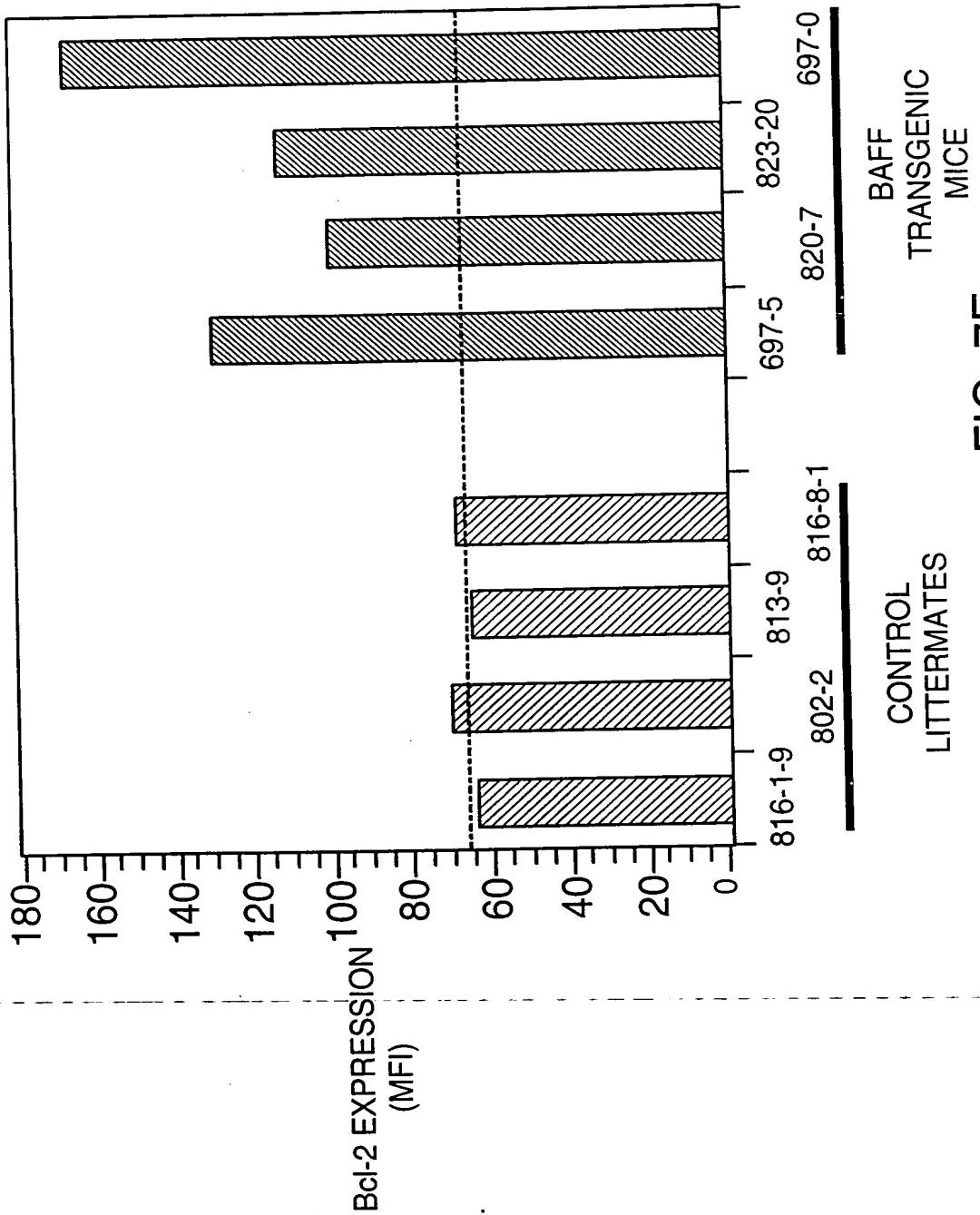


FIG. 7E

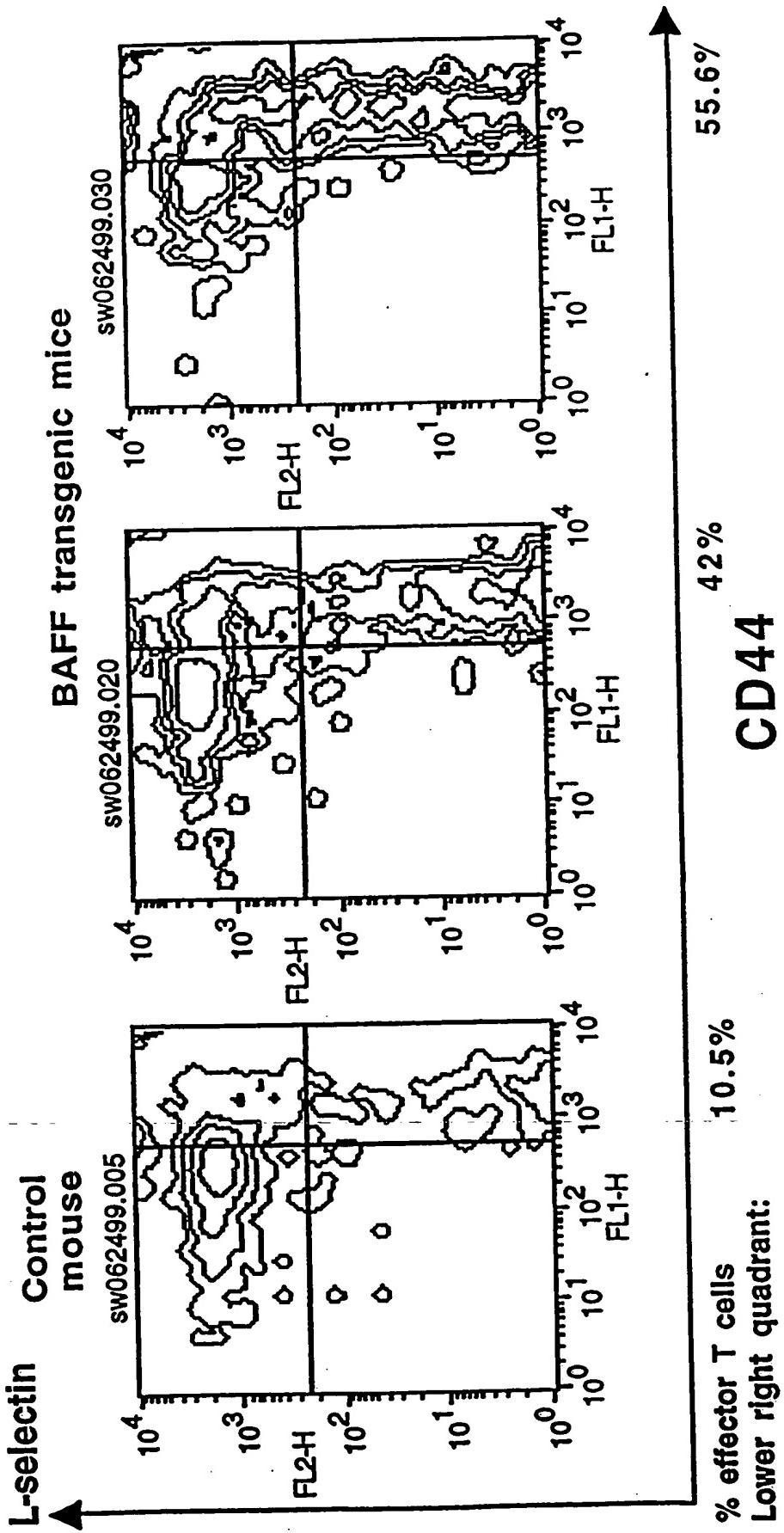


FIG. 7F

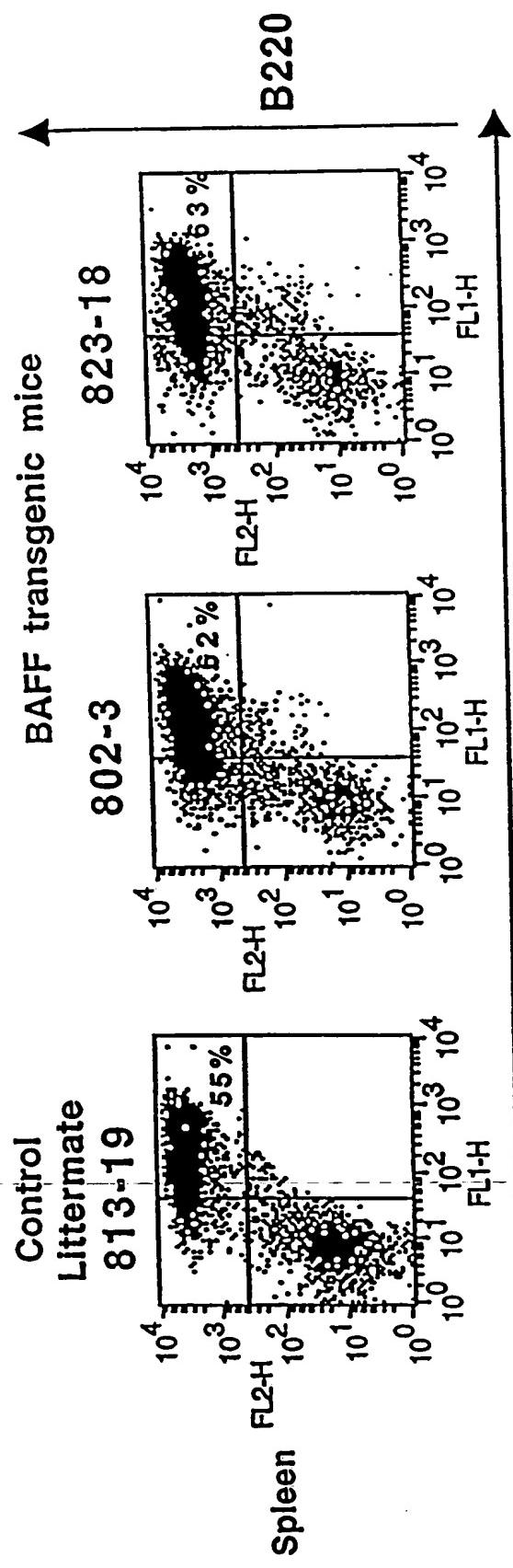


FIG. 8A-1

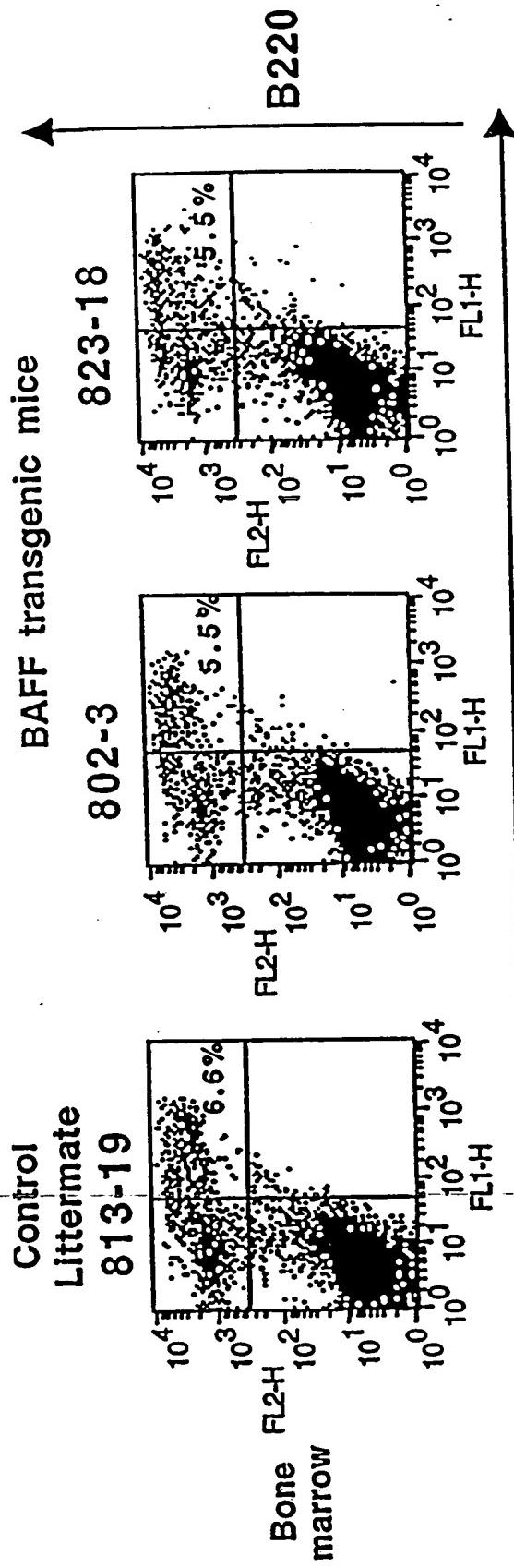


FIG. 8A-2

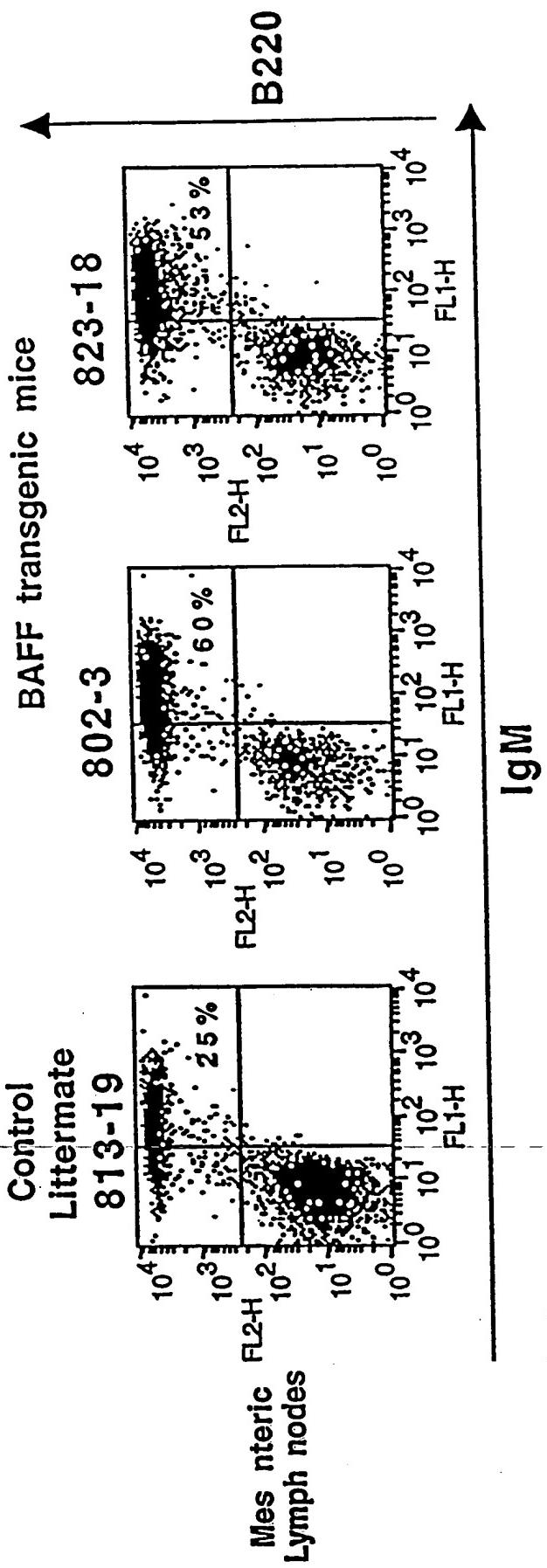


FIG. 8A-3

CD43

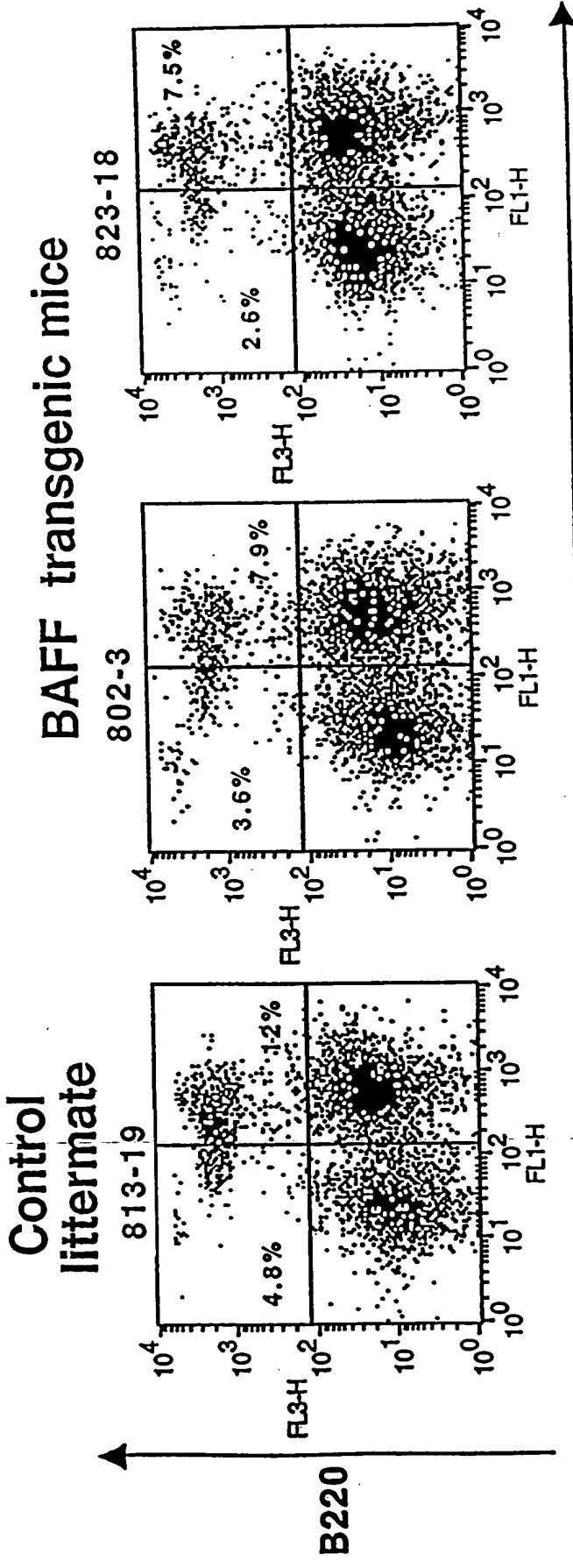


FIG. 8B

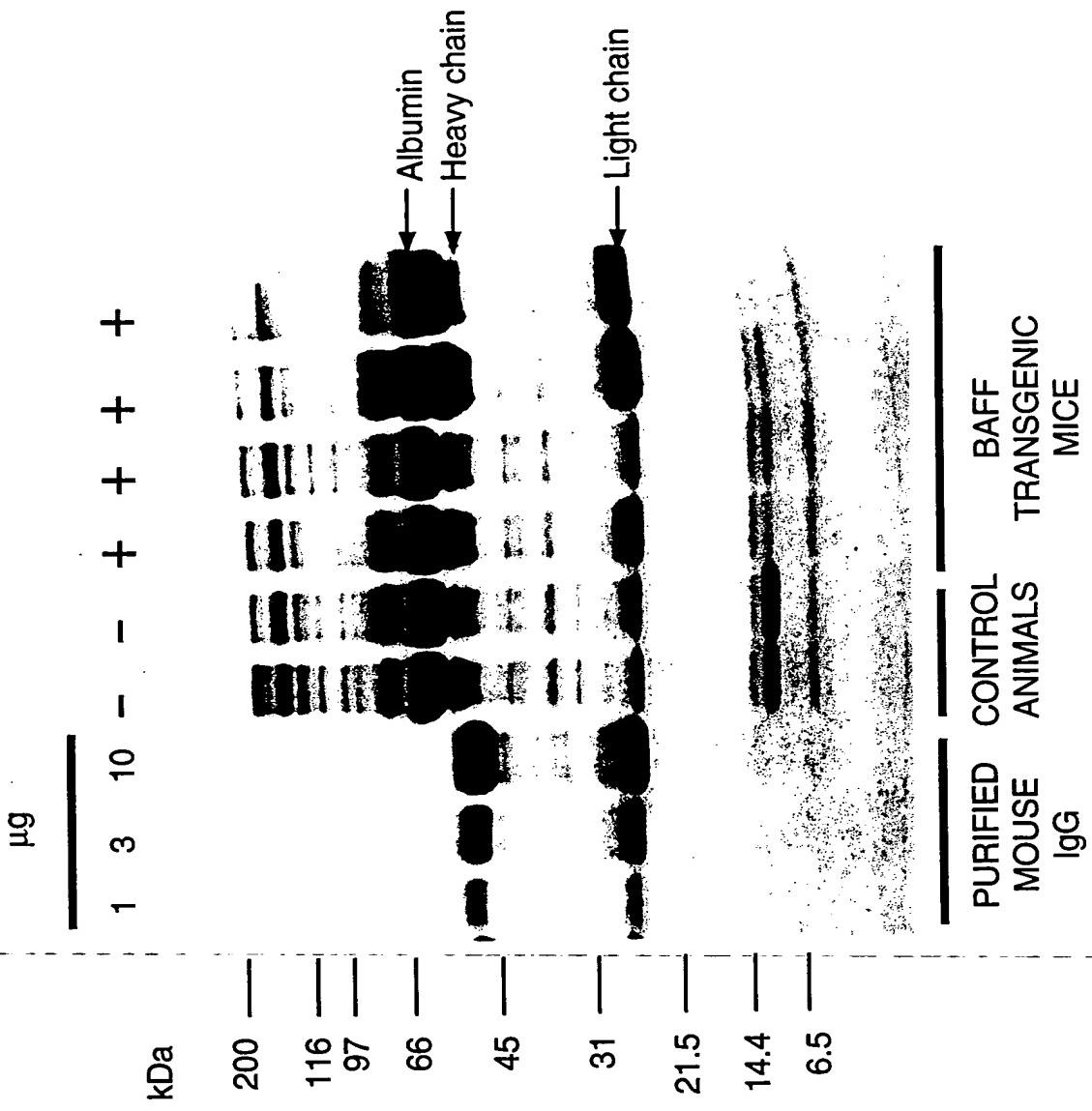


FIG. 9A

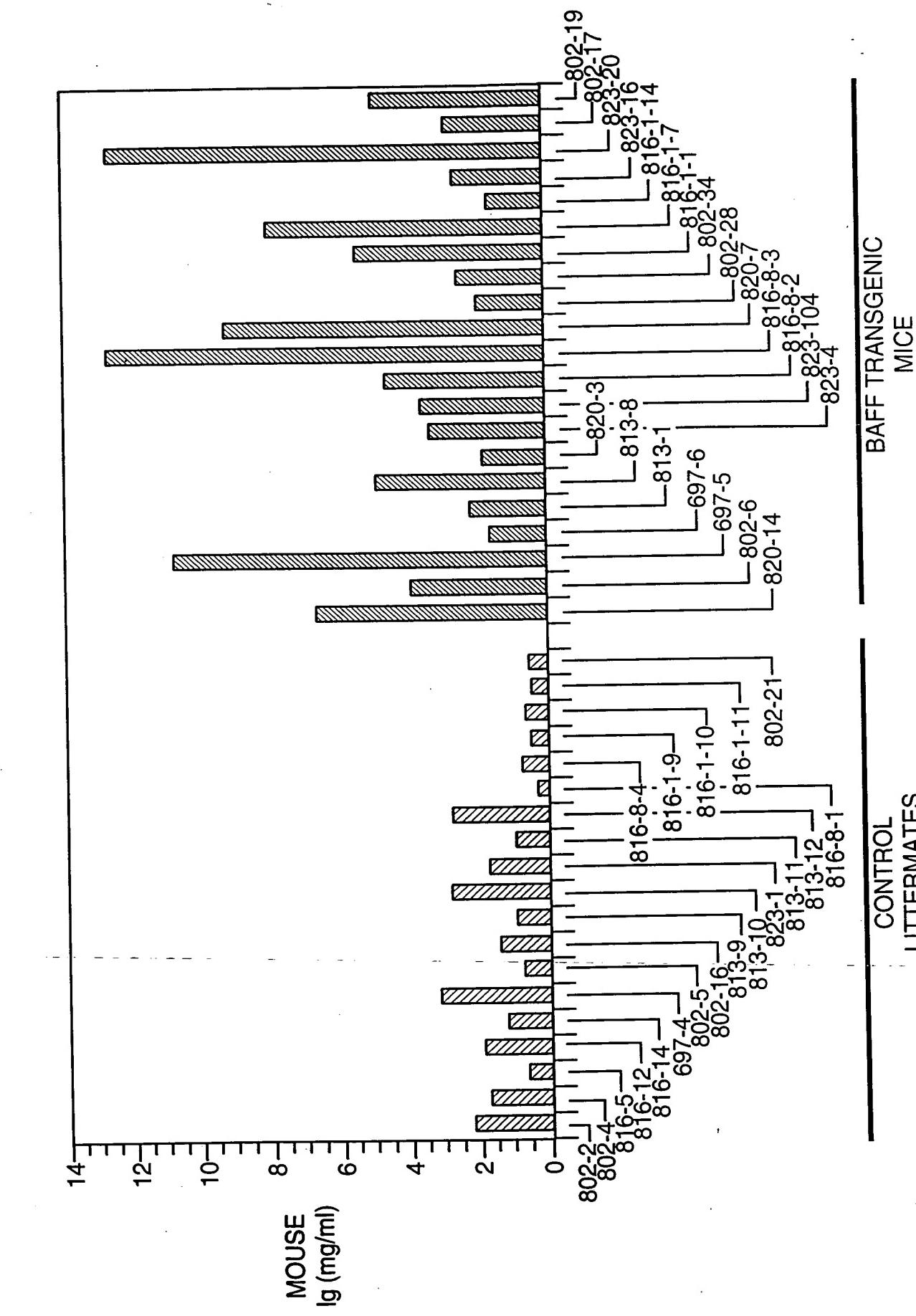
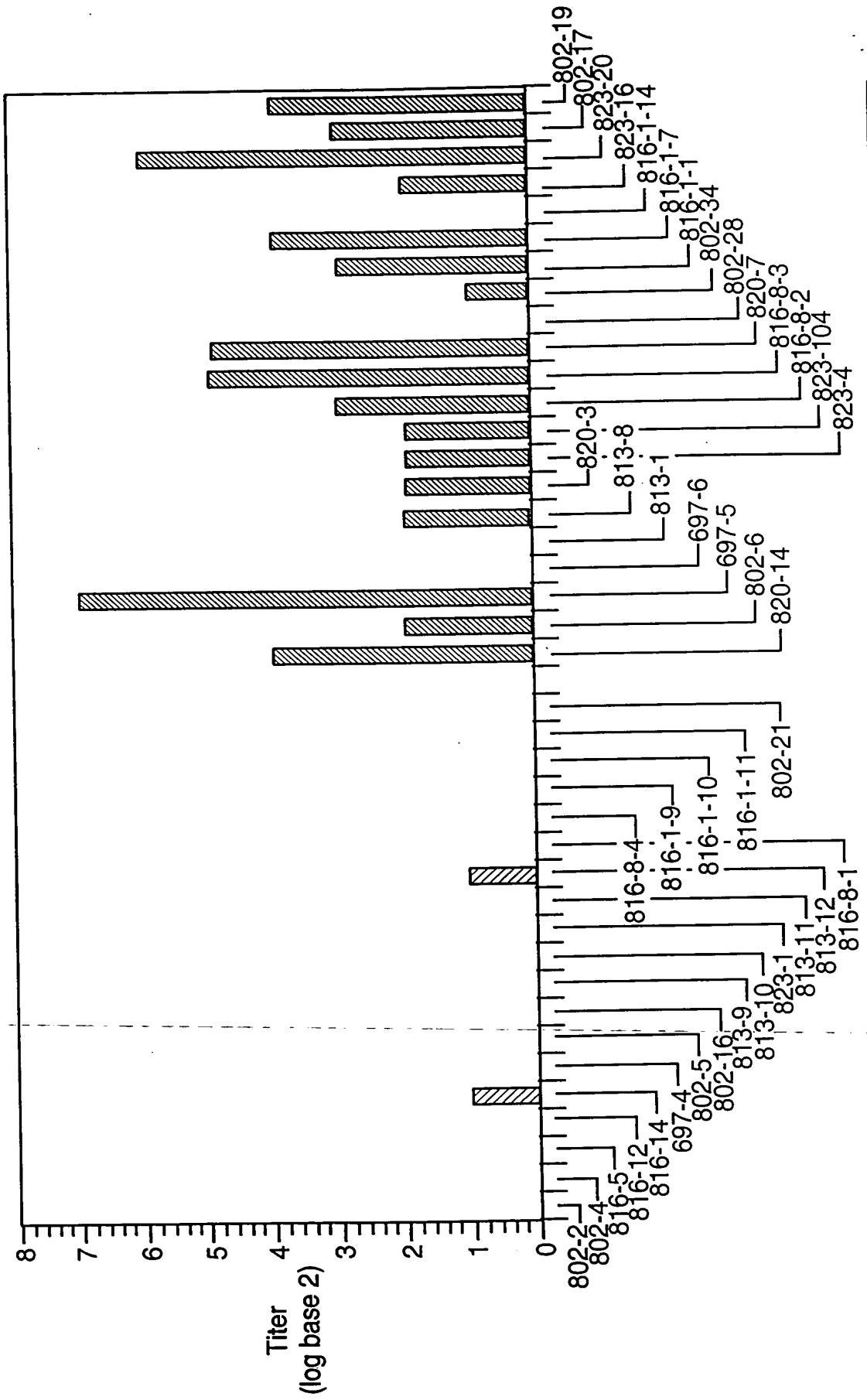


FIG. 9B

BAFF TRANSGENIC  
MICE

FIG. 9C

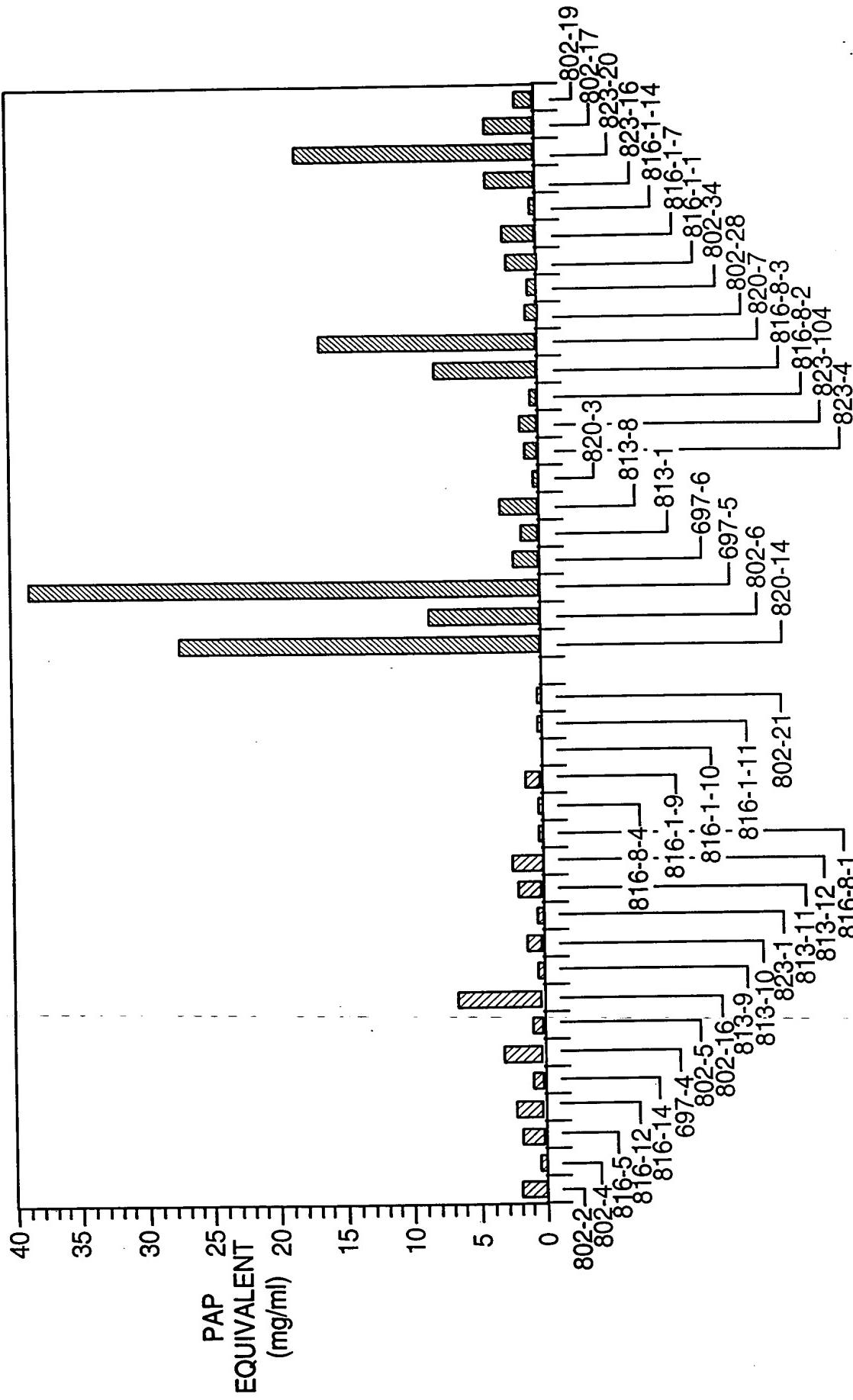
CONTROL  
LITTERMATES

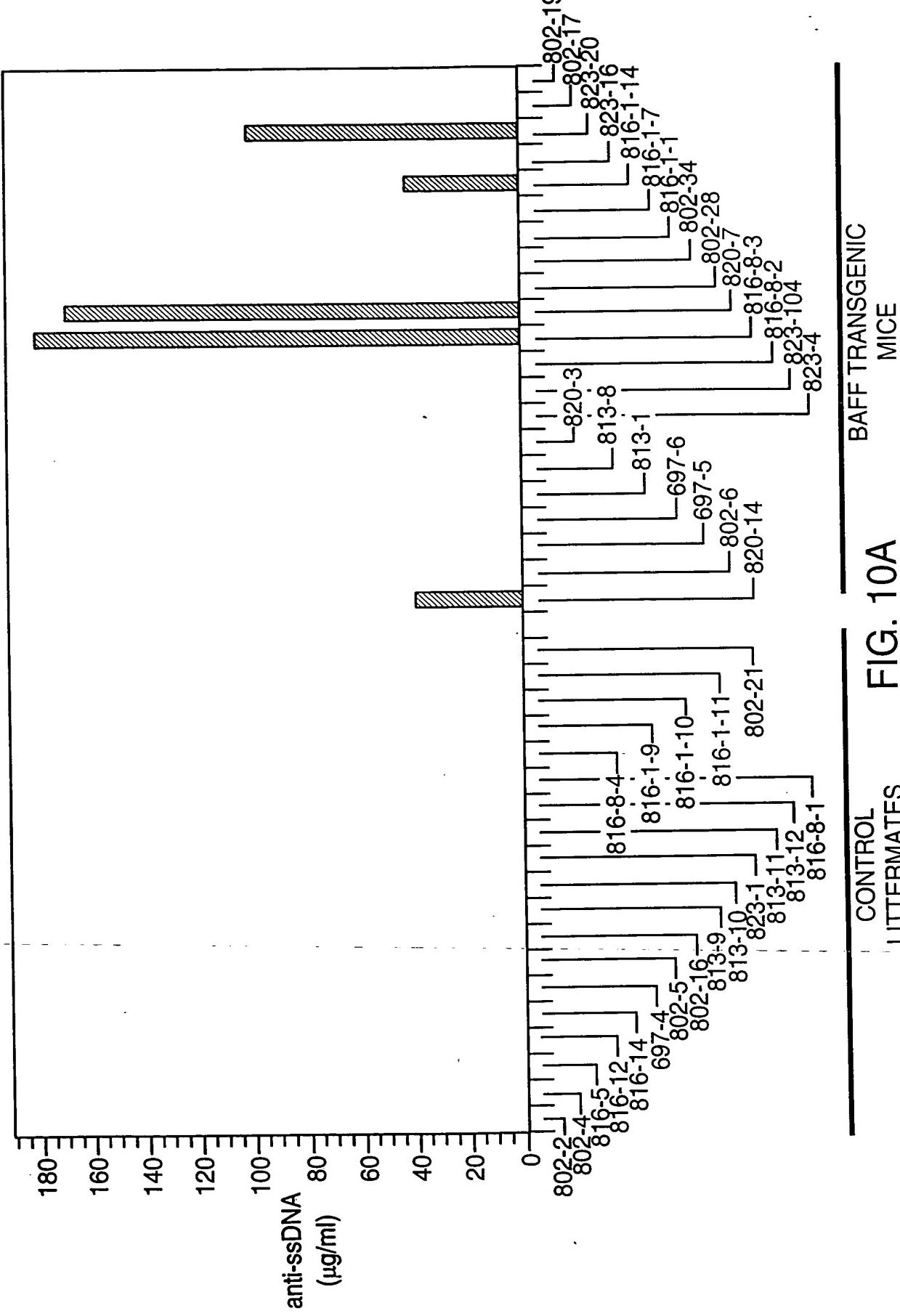


BAFF TRANSGENIC  
MICE

FIG. 9D

CONTROL  
LITTERMATES





CONTROL  
LITTERMATES

BAFF TRANSGENIC  
MICE

FIG. 10A

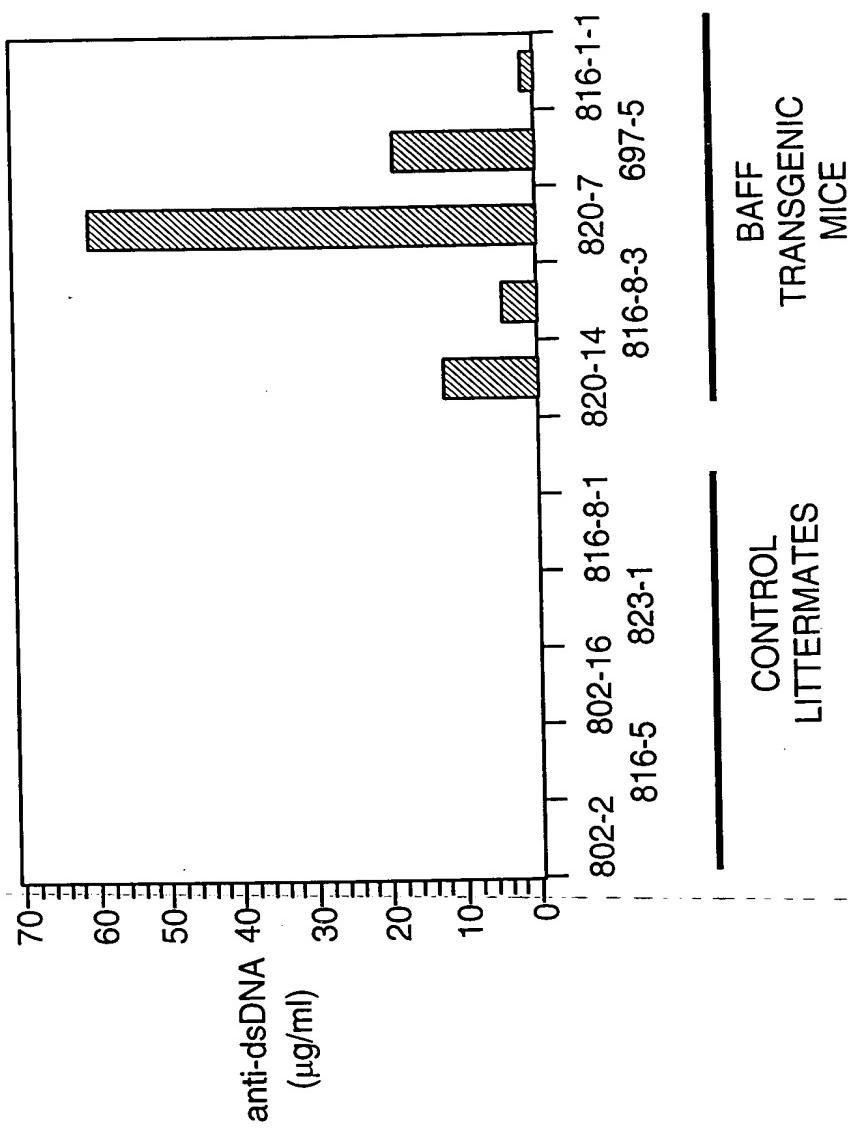
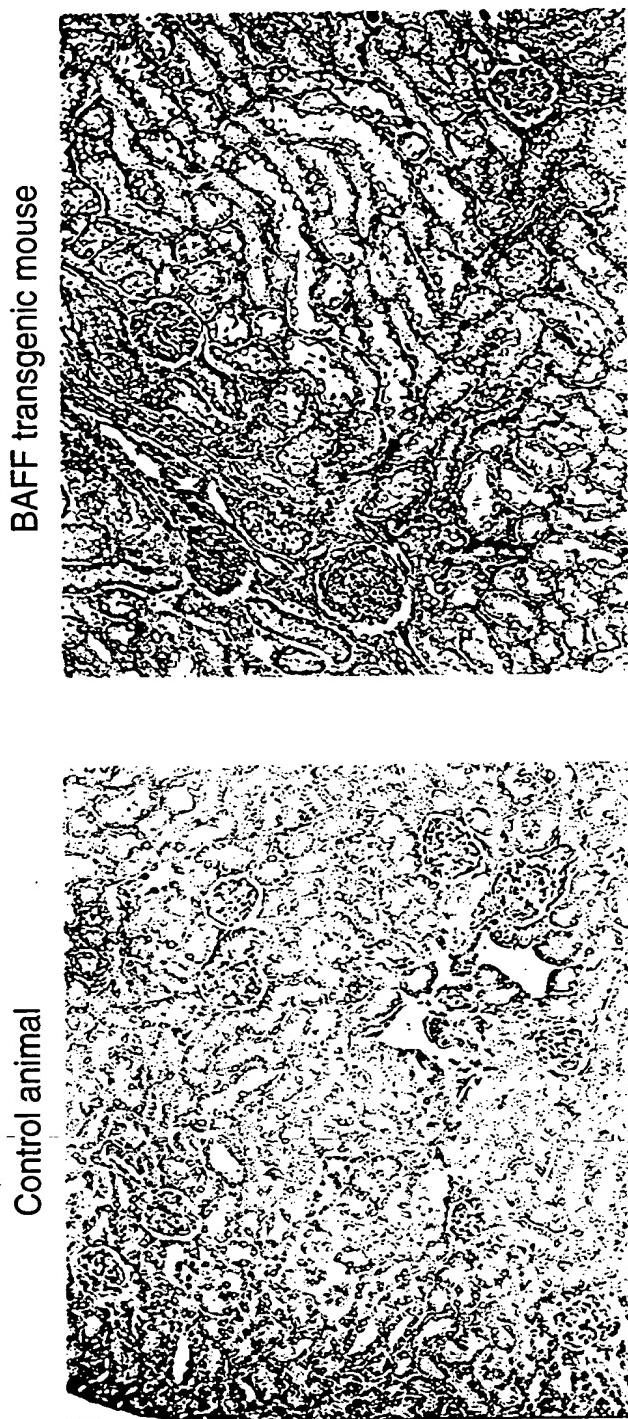
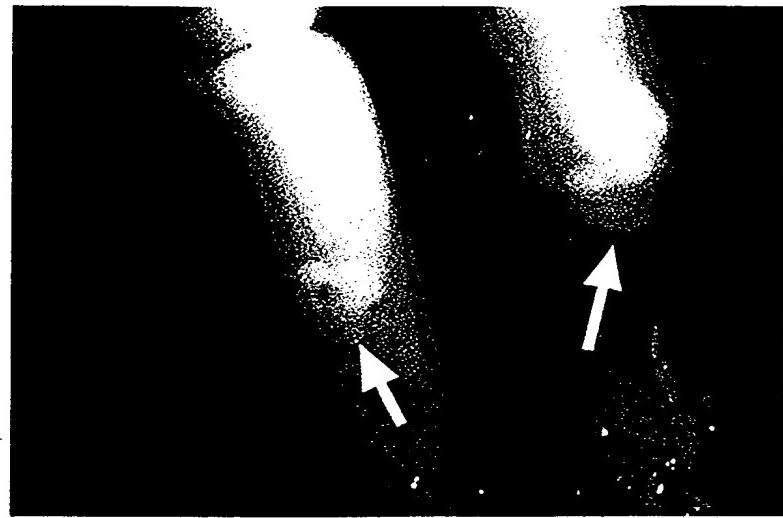


FIG. 10B

**FIG. 10C**



Control littermate



BAFF Tg  
mice

FIG. 11

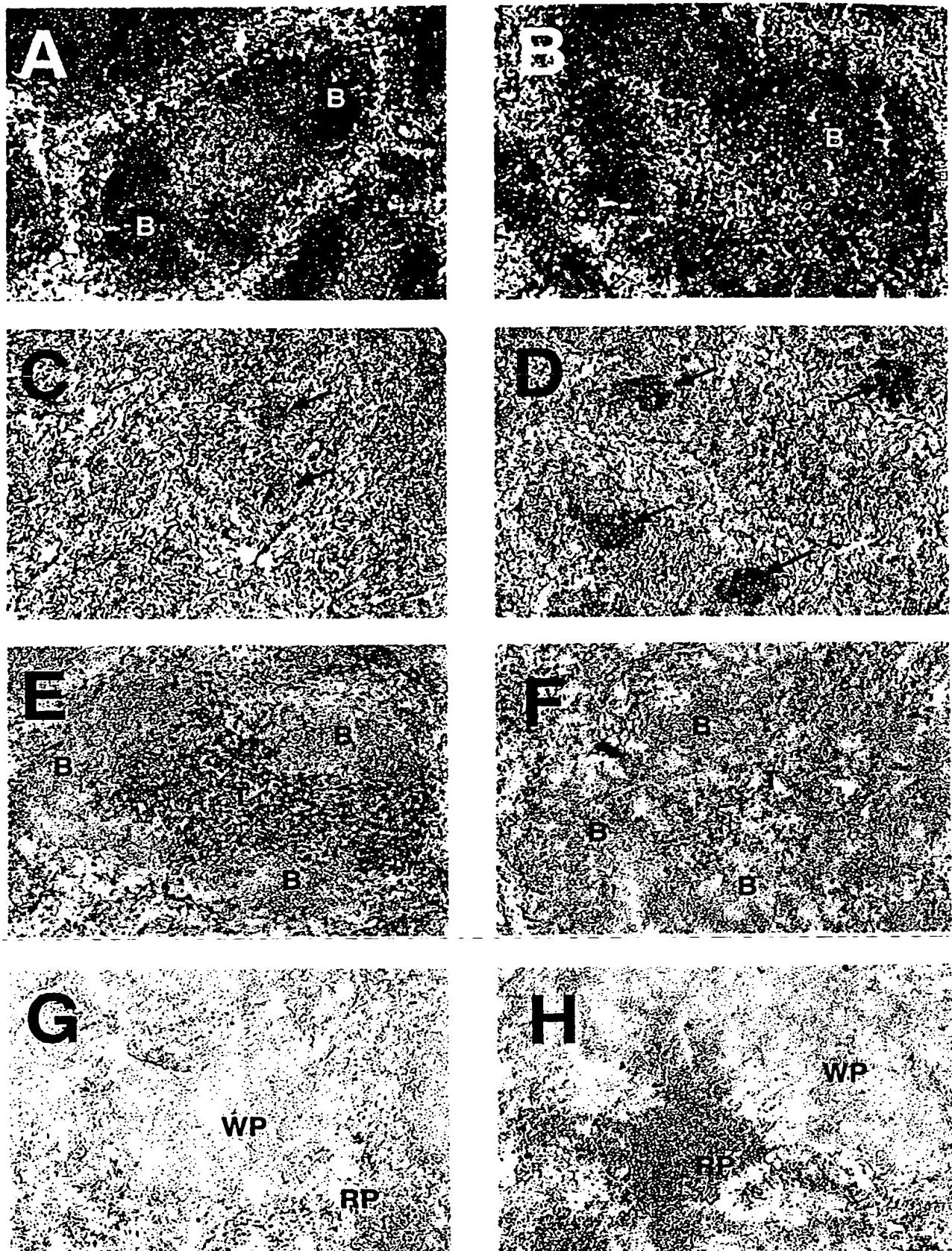


FIG. 12

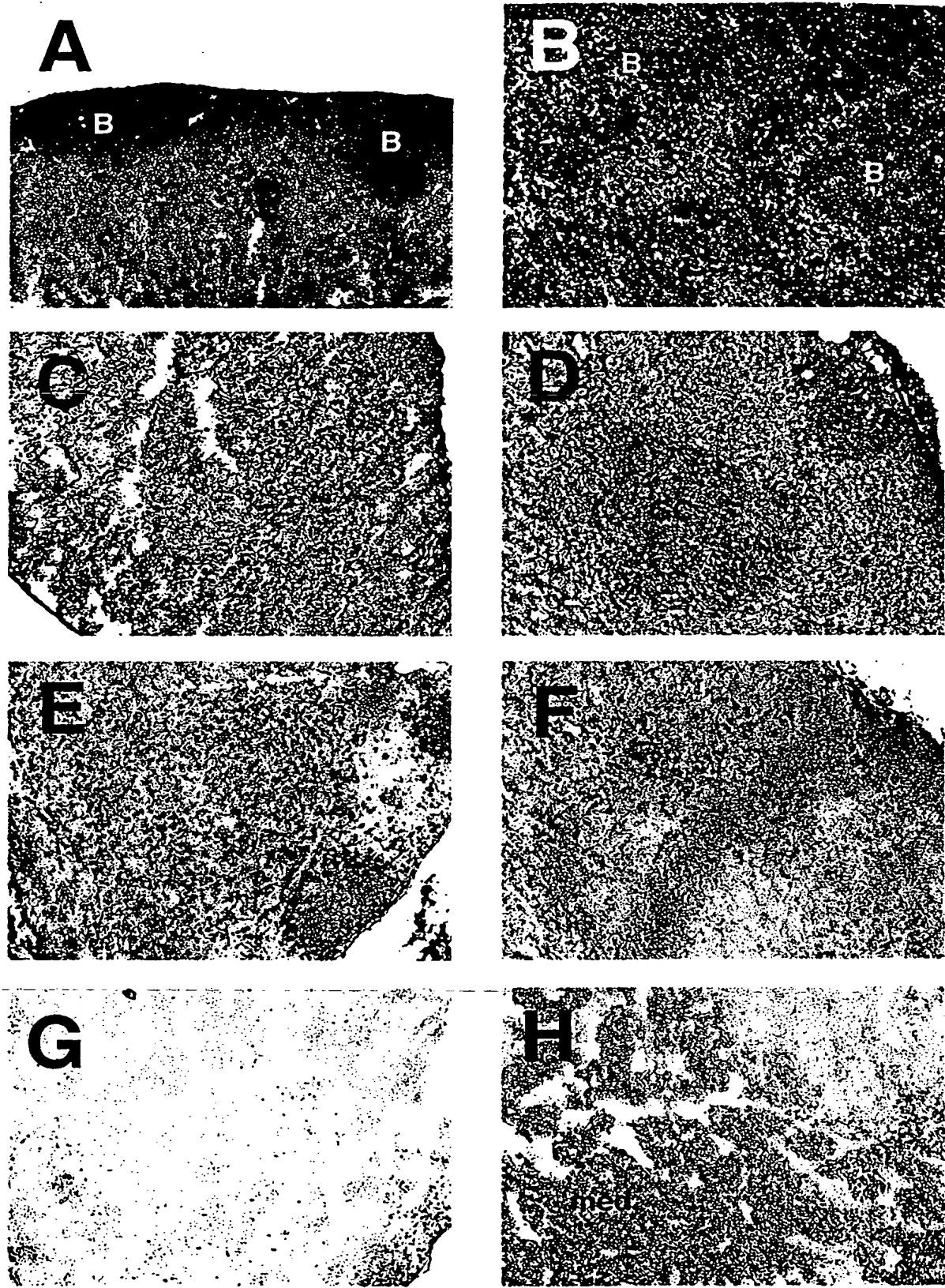


FIG. 13

**A**

Fig. 14.

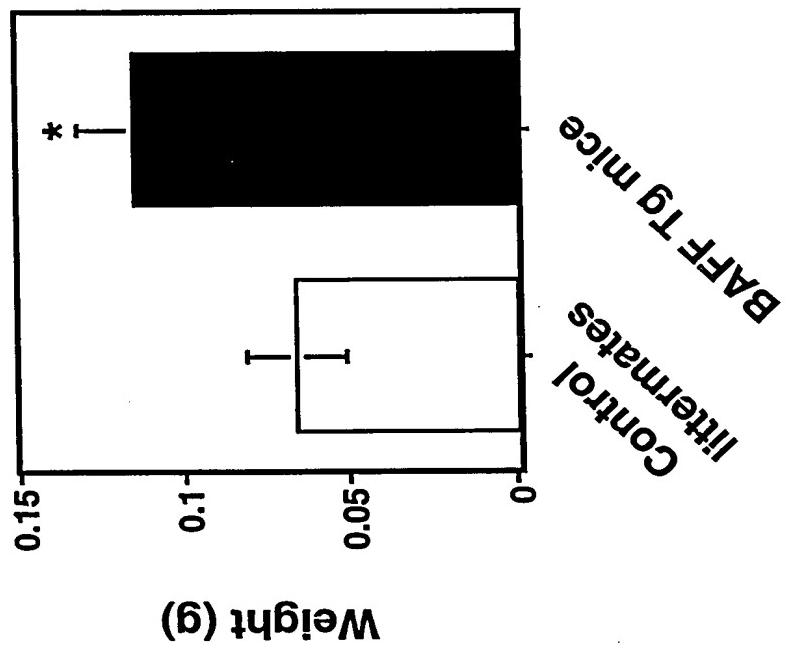


Fig.  
14B

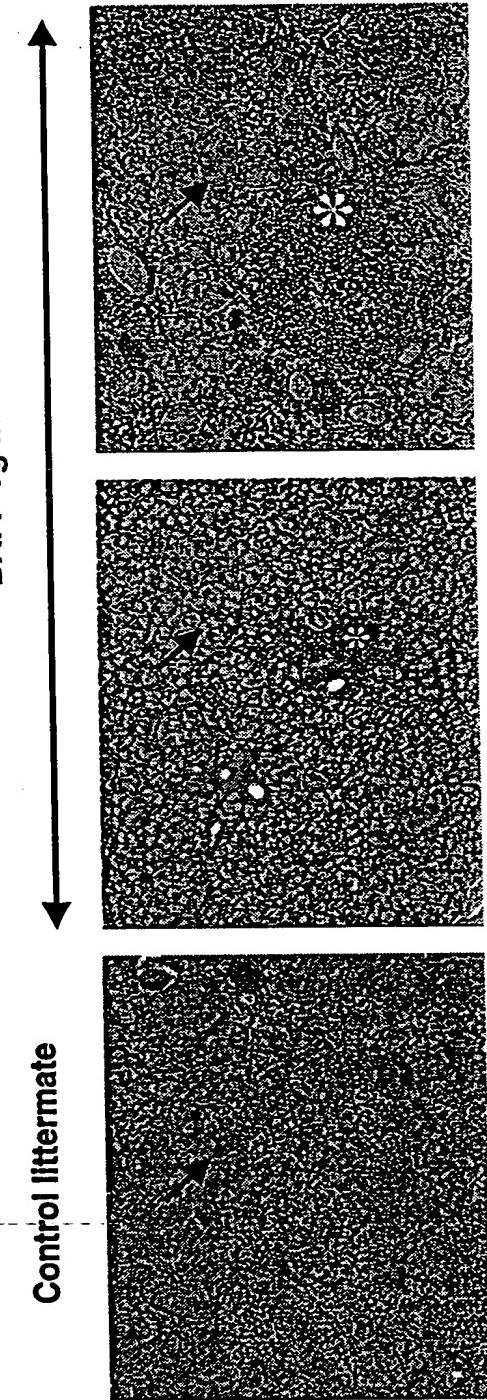


Fig. 14C

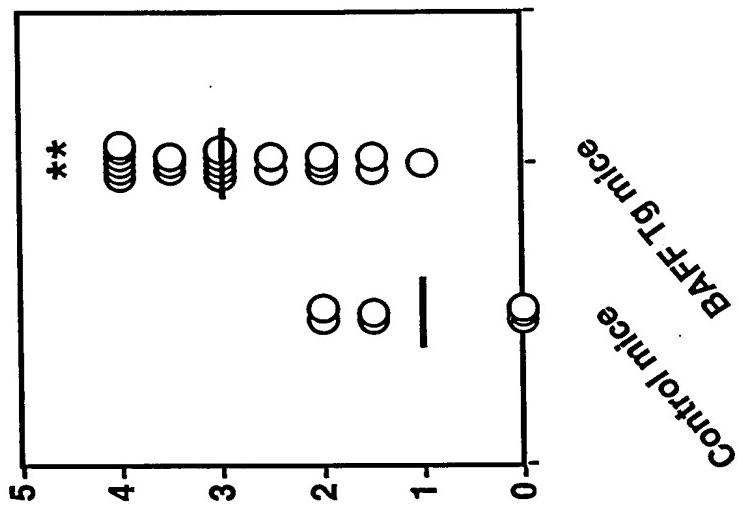


Fig. 15

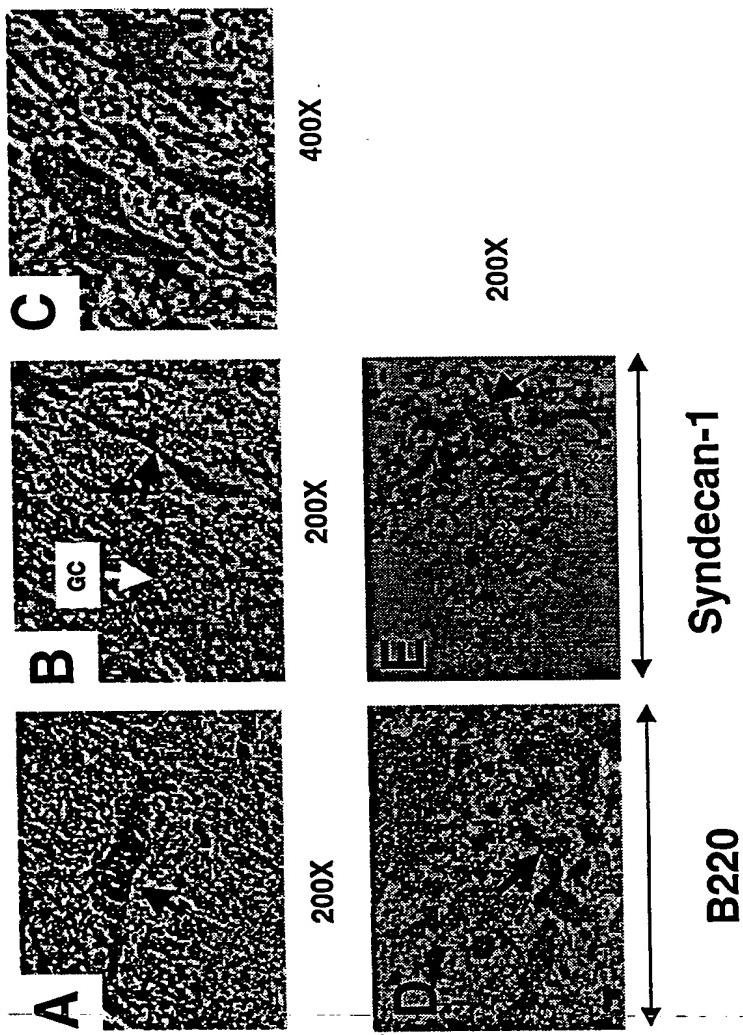


Fig 16.

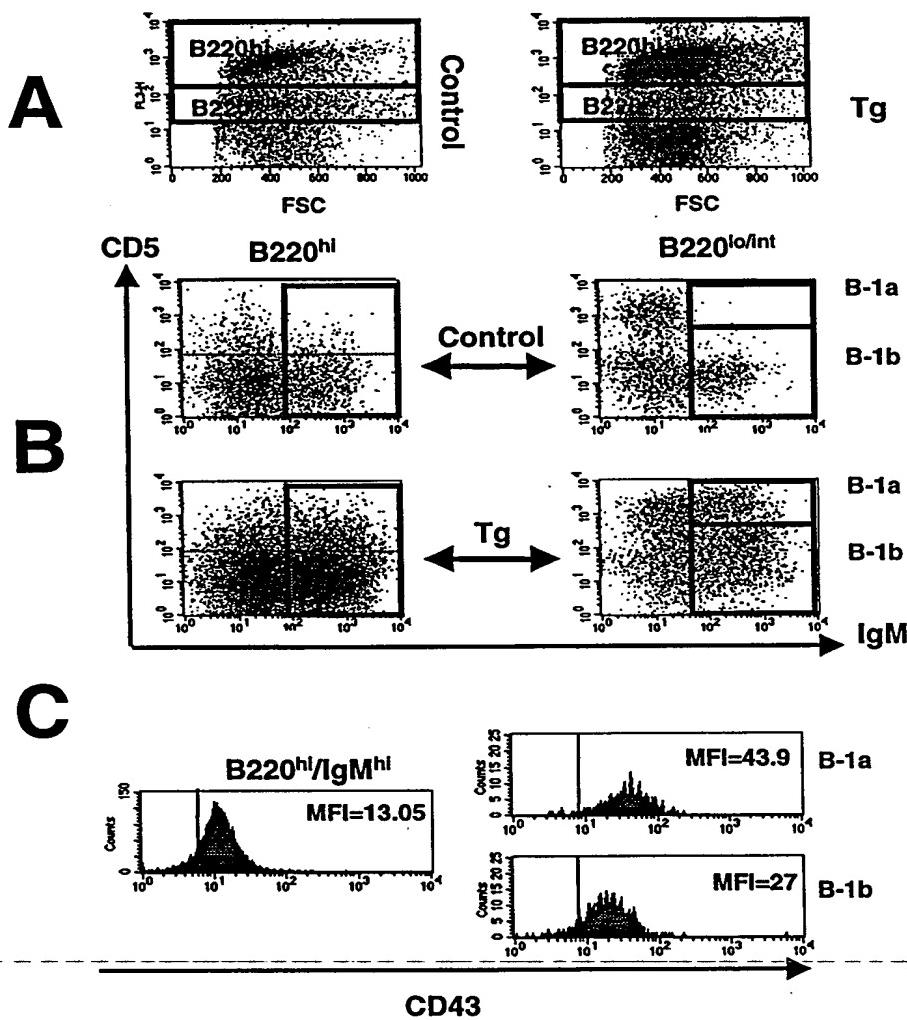


Fig 16

D

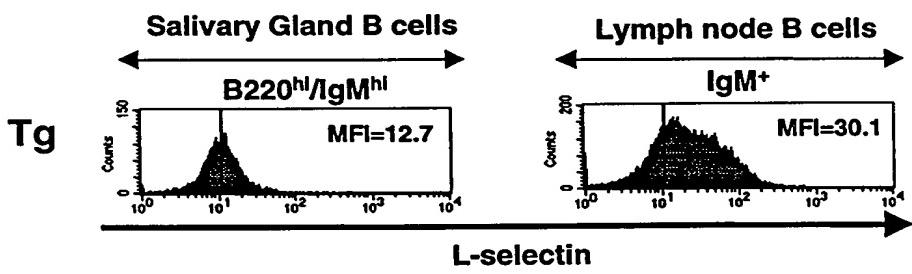


Fig 16

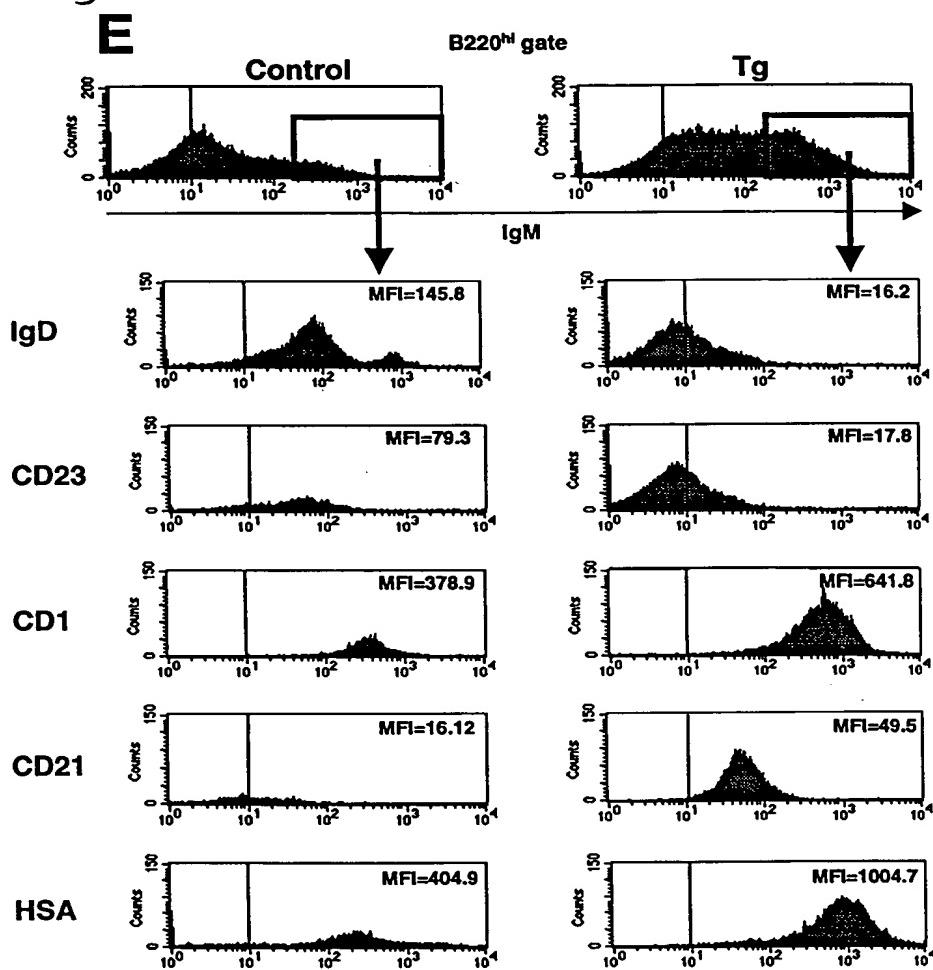
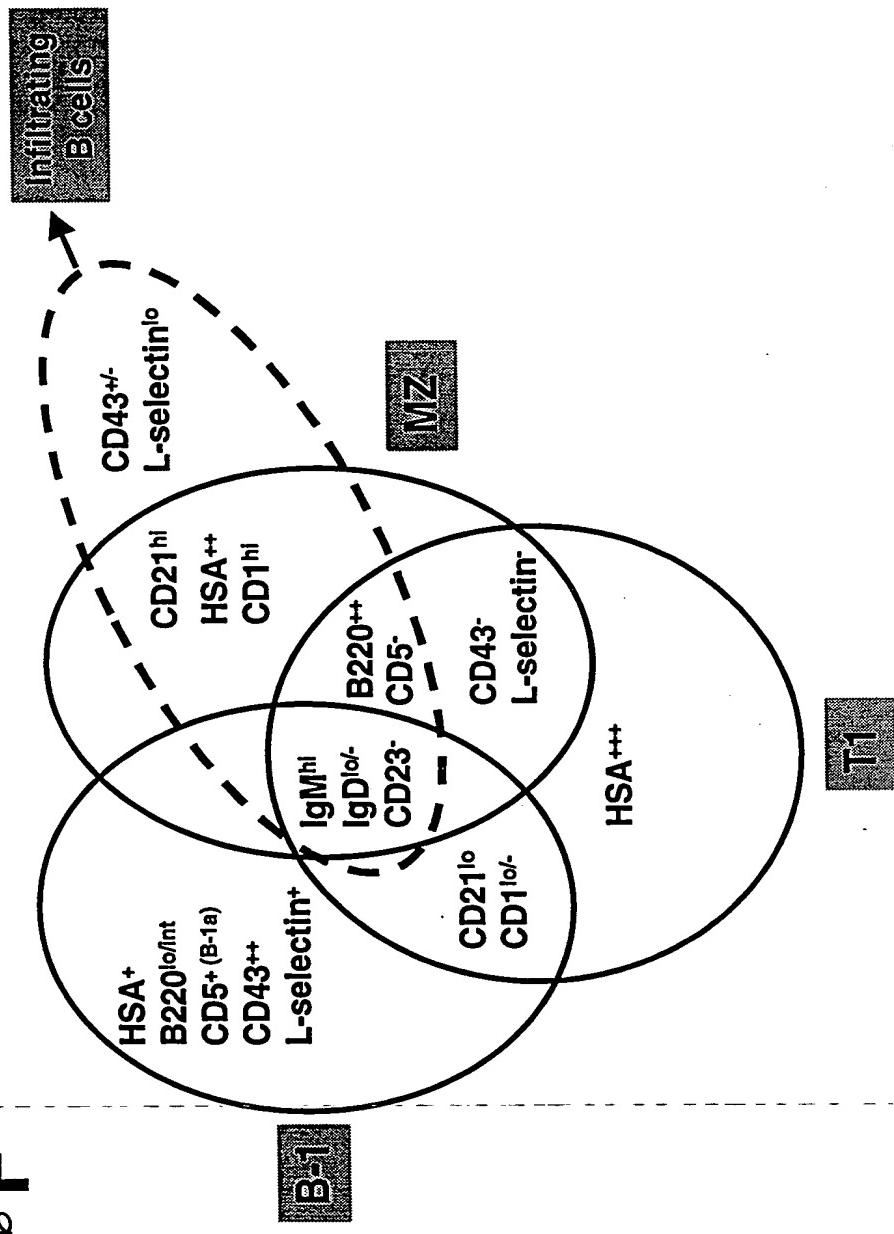


Fig. 16 F



F. Mackay 2001, Fig. 3

Fig. 17

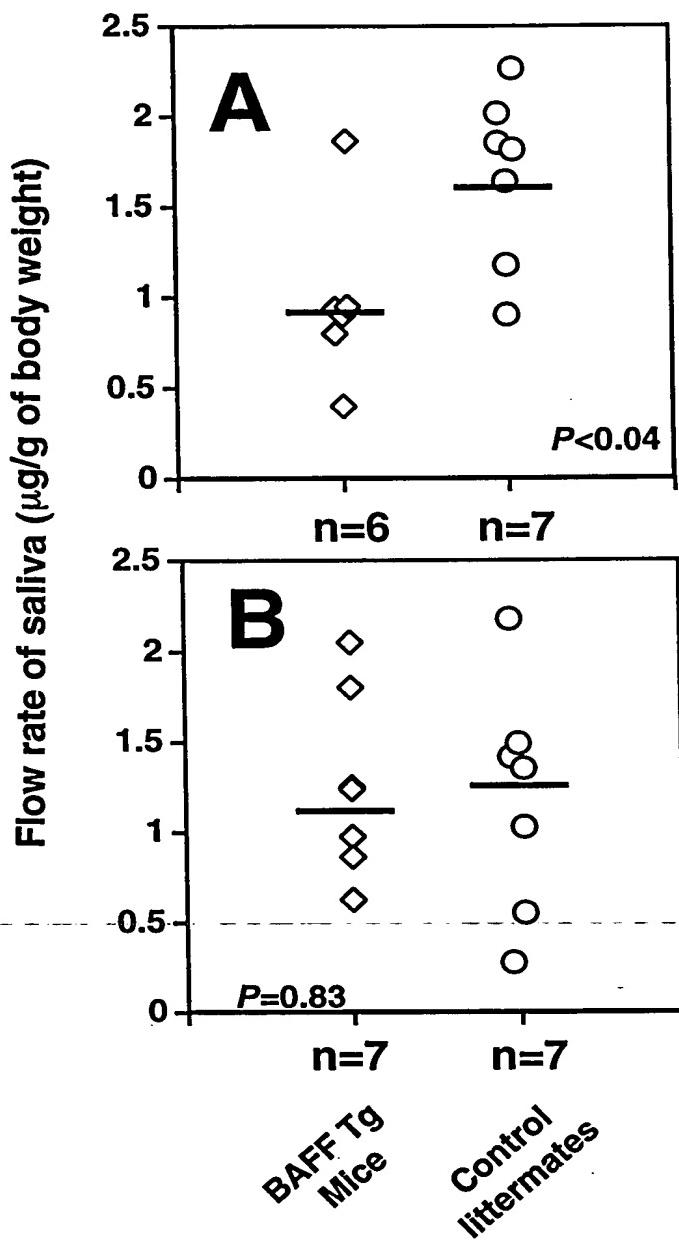
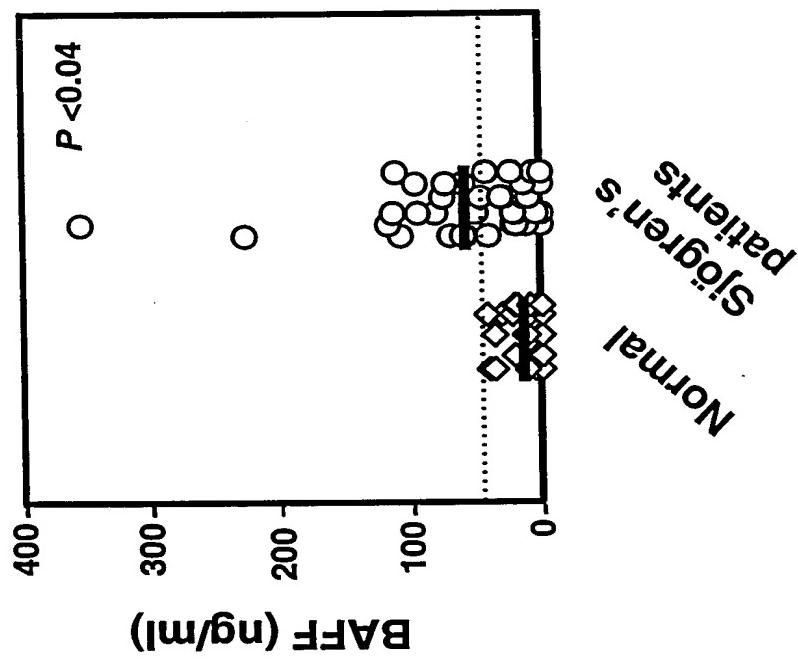


Fig. 18A



F. Mackay, 2001, Fig. 5

Fig. 18B

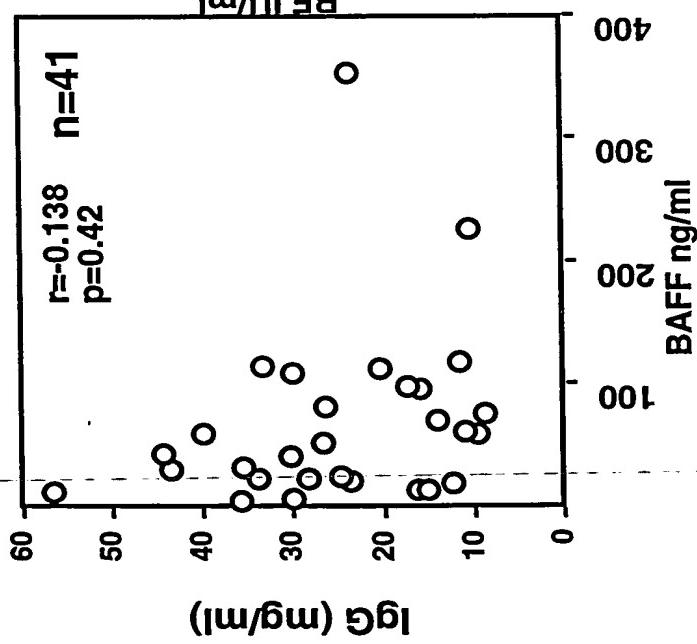


Fig. 18C

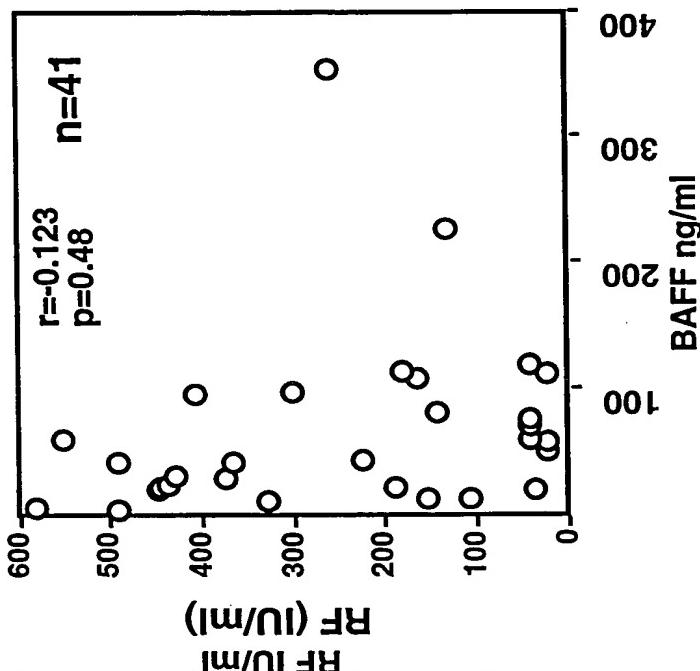


Fig. 18. D

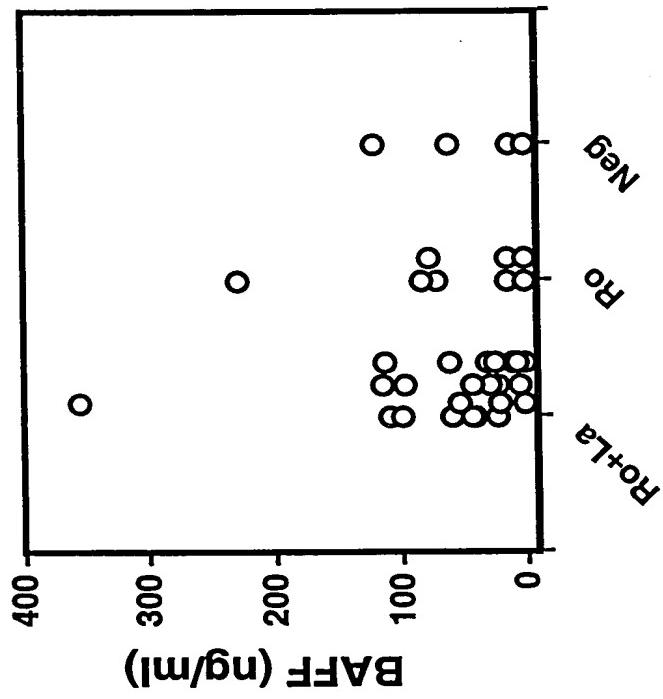


Fig. 18E

